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1911

U. S. DEPARTMENT OF AGRICULTURE,

WEATHER BUREAU.

INSTRUCTIONS

FOR

PREPARING METEOROLOGICAL FORMS.

CLIMATOLOGICAL DIVISION.

WASHINGTON:
GOVERNMENT PRINTING OFFICE.
1910.

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1. Meteorological Forms, when Mailed.—Forms No. 1001, No. 1015, No. 1017, No. 1028, No. 1065, No. 1068, No. 1072, No. 1073, No. 1074, No. 1075, and No. 1083, not later than the 4th; Form No. 1030, 1st, except when that date falls on Sunday it will be issued on the 2d; Forms No. 1002 and No. 1003, as soon as the correction letter for December Form 1001 is received.

2. When any form can not be mailed on the prescribed date, an explanation of the cause of delay will be forwarded to the Central Office on the day that it should have been mailed. When Sunday or a legal holiday occurs from the 1st to the 4th, inclusive, an extra day will be allowed for the forms required to be mailed on the 4th.

3. The barograph and thermograph traces, and Forms No. 1015, No. 1017, and No. 1028 will include the record for the last day of the month.

4. It is the policy of the Central Office not to surrender custody of any form that can not be duplicated, after it has been received. The official in charge is therefore enjoined to see to it that all data required are extracted before such forms are mailed.

5. In forwarding the above-named forms to the Central Office write on the lower left-hand corner of the envelope, "Forms for Climatological Division."

6. In preparing Forms No. 1001, No. 1015, No. 1017, No. 1028, No. 1083, and barograph and thermograph trace sheets for mailing, the sheets will be arranged chronologically and fastened together with a Dennison or similar paper fastener.

7. Errors will be charged as follows: (1) Each original correction made in the examination will be counted as one error, but supplementary errors resulting from the original entry will not be charged. (2) A failure to comply with any instructions will be counted as one error when it has been clearly shown that such instructions have been received at the station. (3) If an observer has been charged with an error for failure to comply with any instructions, and again fails to do so on forms for succeeding months, he will be charged with an error for each erroneous entry in the form caused by his disregard of the instructions in question. (4) Errors of omission will be counted in the same manner as errors of commission.

8. An original error made in taking, reducing, or recording an observation, or in transcribing data from Form No. 1083, will be charged equally between the person taking the observation and the one who checks the data (one-half to each).

9. Forecasters, section directors, and specially designated officials in charge may assign an assistant of ability and trustworthiness to be responsible for the accuracy of Form No. 1001 in so far as relates to all matters of copying, compiling, computing, etc., but in all questions of judgment where it is necessary to put a construction upon an order, ruling, etc., the matter will be decided by the official in charge.

10. Any assistant may be responsible for pages 4, 5, 6, and 7 of Form No. 1001, and Forms No. 1002 and No. 1003. This will give a careful assistant opportunity to make a record for accuracy, besides relieving the official in charge to some extent. The official in charge of the station, however, must continue to exercise general supervision over the meteorological work of his assistants, examining and checking it as frequently as may be necessary, and will be held jointly responsible with them for the general appearance and accuracy of all forms. He also will be held directly responsible for errors that can be detected by a cursory examination, and if the number of errors made at his station be unduly large, it will be considered evidence that he is not giving proper attention to this duty, and he will be censured conjointly with the assistant or assistants making the errors. Messengers and student assistants will not be held responsible for any meteorological form without special permission.

11. The assistant preparing Form No. 1001 under the provision of paragraph 9 will sign his name in the lower left-hand margin of page 9; those preparing pages 4, 5, 6, or 7 will sign on the lower left-hand margin of said pages.

12. Two persons will not sign as responsible for a page or form, except in case of sickness, absence, or relief from station, and then it will be stated for what portion each one is responsible.

13. An official relieved from charge of station or responsibility for forms will be held accountable for errors up to, but not including, the date of his relief. When so relieved he must plainly indicate on the forms the dates of his accountability.

14. Ditto marks (") will not be used in any form.

15. The station clock will be kept adjusted to the standard of time in local use.

16. All regular and special observations will be taken on 75th meridian time, but the standard of time in local use will also be entered.

17. All instrumental records will be kept on the standard of time in local use.

18. All data on pages 2 and 3 of Form No. 1001, except days with light and dense fog, and the corresponding data on page 9, and all data on page 10, will be recorded in 75th meridian time. All other data will be recorded in the standard of time in local use. Data on Forms No. 1014, No. 1030, and the notes on Form No. 1083 will be in the standard of time in local use.

FORM No. 4012, Mis.

19. Whenever an employee has reason to think that he has been wrongfully charged with errors, the correction letter will be returned at once, by indorsement, requesting a reexamination, and stating what error or errors should not, in his opinion, be charged, with his reasons therefor. The matter will receive prompt and careful consideration, and should it be found that errors have been improperly charged they will be removed. If the errors charged are accepted, the letter will invariably be signed by the person or persons whose names appear in the body of the letter and promptly returned. In case of absence of the employee who is responsible for the accuracy of the data, it will be signed by the official in charge and forwarded to the one to whom the error or errors have been charged, to be noted by him and returned to the Central Office. Employees are enjoined to see to it that all corrections indicated, and all resulting changes, are made in Forms No. 1001, No. 1002, No. 1014, and the Climatological Record. A press copy of the letter will be made and filed as a letter received.

FORM No. 1001.

20. This form will be kept clean, and all entries therein made in a neat, legible hand. The leaves should be separated for convenience in entering the data, but margins must not be trimmed.

21. Whenever, from any cause, an observation is not taken the reason therefor will be plainly written on the margin and a full report of the facts at once made to the Chief of the Weather Bureau.

22. If an observation has been taken late, it will be recorded in brackets with the exact time at which it was taken, and used in computing all means and averages the same as if taken on schedule time, unless the conditions have changed since the time for the observation, in which case the probable conditions at the proper time of observation will be determined from the recording instruments by interpolation. These interpolated values will be entered in red ink above the late readings and used in all means and deductions.

23. An observer may be occasionally prevented by legitimate causes from taking an observation on time, but in such a case the observation will be taken as soon as possible and recorded as of the time at which it was actually taken and disposed of as provided in paragraph 22, and a full report of the facts at once made to the Chief of the Weather Bureau. This report will always receive proper consideration.

24. An observer guilty of falsifying the records by reporting observations as taken at prescribed hours which were not actually so taken, or in any other manner whatsoever, will be summarily and severely dealt with, regardless of previous record or length of service.

25. All observations entered on Form No. 1083 will be immediately copied in the proper spaces in Form No. 1001. The observation must be enciphered from Form No. 1001. The retained record will contain pages 2, 3, 8 (except beginnings and endings of precipitation), 9, and 10, and it must be kept up to date. All footings on pages 4, 5, and 7 of Form No. 1001 that are required to be entered in Form No. 1002 will be copied in the retained Form No. 1002 before mailing Form No. 1001.

26. In order that the reports may be filed at the telegraph office not later than 8 o'clock, 75th meridian time, observations will be begun not to exceed twenty minutes before that hour.

27. Instruments will be read and conditions noted in the following order : (1) Clouds, (2) state of weather, (3) maximum and minimum thermometers, (4) dry and wet thermometers (and thermograph noted), (5) anemoscope, (6) rain gage (or snow gage), (7) register to anemometer, (8) attached thermometer to barometer, (9) barometer (and barograph noted).

28. All entries in this form must be made in black record ink except when otherwise directed. Red ink will not be used except in underscoring and when especially directed (see pars. 22, 59, 71, 93, and 226). If an error has been made in an original reading in Forms No. 1001 or No. 1083, an ink line will be drawn through the erroneous entry and the correct one placed immediately above the canceled reading in black ink.

29. Entries of direction of wind and clouds will be printed thus : N., NE., E., etc.

30. When crowded for room, notes will be put upon the margin.

31. Instructions relative to taking special observations are given in the Weather Code.

32. All meteorological observations taken will be checked, so far as possible, the following day by the employee responsible for their accuracy.

33. The day of the week on which the month begins will be entered on the left-hand margin of page 8, opposite the first date.

PRESSURE.

34. Actual Elevation.—The height of the zero points of the barometers of a station above sea level. The elevations of instruments will be entered to whole feet on *all meteorological forms*, except Form No. 1058, when these data are required.

35. Station Elevation.—The elevation above sea level adopted for a station at a basis to which all pressure observations at the station are correlated. The elevation on January 1, 1900, was adopted as the station elevation for each one in operation on that date. For stations opened subsequently, the elevation of the barometer at the time of opening of station will be adopted as the station elevation.

36. Removal Correction.—When an office is moved to new quarters and the elevation of the barometer is thereby changed, a proper correction will be applied to the barometric readings in the new location that will reduce the observed readings to the pressure appropriate to the "station elevation." This removal correction will be included in the sum of corrections, Form No. 1059, furnished by the Instrument Division.

37. Sum of Corrections.—A term embracing all the corrections that are practically constant for a given instrument and in a given

location, namely, the correction for scale errors, capillarity, gravity, and the removal correction. This sum is given on Form No. 1059, furnished for each instrument.

38. Total Correction.—The correction for temperature, plus the "sum of corrections" as defined above.

39. Observed Reading.—The direct result of the reading of an instrument, uncorrected for any errors.

40. The barometer should be read and recorded to the nearest thousandth of an inch, and the reading will be immediately entered on Form No. 1083 before the reductions are made.

41. Station Pressure.—Corrections for instrumental error, gravity, temperature, and removal, preceded by the proper algebraic signs, will be applied to the observed barometer readings. The correction for temperature will be obtained from the barometer correction cards, as follows: Find at the top of the card the observed height of the barometer, and in the column headed "Attached thermometer" the reading of the attached thermometer; the number at the intersection of these lines will be the correction to be applied. If the reading of the thermometer be less than 29° above zero, the correction will be added, and if 29° or more it will be subtracted. For barometer or attached thermometer readings not given in the table the temperature correction will be determined by interpolation. The sum of corrections for instrumental error, gravity, and removal will be applied to the correction for temperature before recording the latter. Example: Observed barometer reading, 29.512; attached thermometer, 62.0; sum of corrections, +.008. The temperature correction card gives a correction of −.089, to which add the sum of corrections +.008= −.081 to be used and recorded in column headed "Total correction."

42. If the position of the barometer be changed and the elevation increased, .001 inch will be added to the sum of corrections for each foot of increase; if the elevation be decreased, .001 will be subtracted for each foot of decrease. These corrections will be applied pending the receipt of new correction cards.

43. Reduced Pressure.—The reduced barometer will be taken directly from the special table supplied to each station and will be entered to hundredths only. The temperature argument, at stations making two observations daily, will be the mean of the current temperature and that at the preceding regular observation; at stations making but one observation daily it will be the mean of the maximum and minimum temperatures as read at the time of observation. The pressure argument will be the station pressure to hundredths of an inch only (the third decimal being disposed of according to rule). Enter the table with the arguments as above described and find the point where the argument lines intersect; the value there given will be the reduced pressure. It will be necessary to interpolate for the hundredths when the station pressure falls between the tenths of an inch as given at the top of the table. No interpolation will be required for temperature argument if the table be extended so that for each temperature entered there is a difference of only one hundredth in the table. The temperature argument for a special observation will be the mean of that and the preceding regular observation.

44. 3,500 and 10,000 foot planes: The temperature and pressure arguments will be the same as for the sea-level pressure, and the pressure for these planes will be obtained from the tables furnished for said elevations in the same manner as the sea-level pressure and the data will be entered to hundredths of an inch only.

TEMPERATURE.

45. All thermometers must be read and the readings recorded to the nearest tenth of a degree, except the attached thermometer, which will be read and recorded to the nearest half degree.

46. The dry-thermometer readings will be reduced to the various planes by applying the corrections in the table furnished for reducing the "monthly temperature" to these planes.

47. Instrumental corrections will not be applied to thermometer readings except when they are ±0.3 or more in the case of mercurial thermometers, and ±0.5 or more in the case of minimum or alcohol thermometers, or at temperatures of 42° or lower; and when the wet thermometer reads higher than the dry, then all corrections will be applied to the readings of the dry and wet-bulb thermometers. The corrections furnished are for each 10°, and will be applied algebraically to the scale readings of the thermometers before recording the same. For a scale reading between those for which corrections are given, an interpolated value of the correction will be used. Example: For a reading of 62.0° the correction is −0.5°. The true temperature is, therefore, 62.0°−0.5°=61.5°. For a reading of −8.0° the correction is −1.2°, the true temperature is −8.0°−1.2°= −9.2°. For a reading of −28.0° the correction is +7.8°, the true temperature is −28.0°+7.8°= −20.2°. The corrections of thermometers are given on the cards only as low as actual comparisons have been made with substandards. If it should happen that a reading of a thermometer is obtained at a point lower than any for which its corrections are given, then the corrections will be determined by continuing the same ratio of increase or decrease as between the last 30° for which the corrections are given. Example: The correction at +2° is −0.6°, and at −28.0° is −2°. The change of correction between +2° and −28° is −1.4°. For 7° it is about −0.3°. For a scale reading of −35.0°, which is 7° below −28.0°, the correction is −2.3°, and the true temperature is −35.0°−2.3° = −37.3°. When the signs of the temperature and correction are the same, add; when different, subtract.

48. The maximum and minimum thermometers will be set both at the a. m. and p. m. regular observations. They will not be set when taking special observations.

49. Observers should always note whether there is agreement in the temperature values given by the several thermometers; that is to say, (1) the top of the alcohol column of the minimum should indicate the same or nearly the same temperature as shown by the dry thermometer; (2) the minimum thermometer reading should be as low as, or lower than, the dry thermometer at the current and preceding observations; (3) the maximum thermometer reading should be as high as, or higher than, the dry thermometer at the current and preceding observations. Readings contrary to the above rules, if the instruments are properly set and read, are abnormal, and steps will be taken at once to discover and remove the cause or replace the instrument if defective. Small differences, however, amounting in some cases to nearly or quite a degree, will occasionally be found to occur. On such occasions the exact readings must be recorded, with an explanatory note.

50. The wet thermometer should always be kept in proper condition, the bulb and muslin cover clean and carefully moistened preceding each observation. In damp, foggy weather it may sometimes read higher than the dry thermometer after all instrumental corrections have been applied, in which case enter the corrected reading of the instrument but inclose it in brackets, and enter the corrected reading of the dry thermometer above it and use the latter in obtaining the footings; record the reading of the dry bulb as the temperature of the dew-point, and the relative humidity as 100 per cent, with an explanatory note on the margin.

51. When the temperature of the air is below that at which mercury freezes, the temperature as indicated at the top of the alcohol column of the minimum thermometer will be entered as the readings of the dry and wet-bulb thermometers, and also as that of the dew-point, and the relative humidity will be recorded as 100 per cent.

During the prevalence of low temperature, but above the freezing point of mercury, the wet-bulb covering should be saturated a few minutes before beginning the observation; and whenever, after diligent effort, it is found impossible to cause the wet thermometer to read as low as, or lower than, the dry thermometer after applying all corrections—any incidental moisture on the dry bulb being removed—the reading of the wet thermometer will be recorded as corrected and inclosed in brackets, and the reading of the dry thermometer entered above it and used in obtaining sums and means. The dry-thermometer reading will be recorded as the temperature of the dew-point, and the relative humidity as 100 per cent. Explanatory notes should indicate when these conditions occur.

52. The dew-point, relative humidity, and vapor pressure will be obtained in accordance with the tables furnished; the dew-point will be entered to the nearest whole degree, the relative humidity to the nearest whole per cent, and the vapor pressure to the nearest thousandth of an inch.

53. All daily temperature values on page 8 will be entered in whole degrees only, the tenths of degrees being disposed of according to rule.

54. At stations having a thermograph, the maximum and minimum temperatures on page 8 will be taken from the maximum and minimum thermometer readings on pages 2 and 3 (see paragraphs 55 and 56) except when the true maximum or minimum for the day, midnight to midnight, can not thus be obtained, in which event it will be obtained from the corrected thermograph trace (see paragraph 224). At stations not having a thermograph the maximum and minimum will be obtained in accordance with paragraphs 55 and 56.

55. The maximum temperature for the day will be taken from the p. m. observation, except under the following conditions: (1) The maximum temperature recorded at the a. m. observation of the next day will be used when it is higher than the maximum at the p. m. observation and is believed to have occurred before midnight; (2) the maximum temperature recorded at the preceding a. m. observation will be used when it is believed to have occurred after midnight and is higher than any temperature recorded after the a. m. observation of that day. The maximum of any day must be as high as the minimum of the preceding day.

56. The minimum temperature for the day will be taken from the a. m. observation, except under the following conditions: (1) When a lower minimum is recorded at the p. m. observation, it will be used; (2) when the minimum recorded at the following a. m. observation is lower than that recorded during the preceding day, and is believed to have occurred before midnight, it will be used; (3) when the minimum recorded at the a. m. observation of the current day is believed to have occurred before midnight the minimum temperature for the day will be taken from the p. m. observation, unless example (2) requires it to be taken from the following a. m. observation. The range is the difference between the maximum and minimum.

57. The mean (max. and min.) temperature for the day is the sum of the maximum and minimum (as recorded on page 8) divided by 2, and will be recorded to whole degrees only, the tenths being disposed of according to rule. This mean will be used on all forms and reports as the daily mean temperature.

58. The change of temperature is the difference between the mean temperature of the previous and that of the current day.

59. Hourly Readings.—At stations designated by the Central Office the hourly readings of the thermograph, at the exact hour, after being corrected for instrumental error in accordance with instructions, will be entered in black ink on page 5 in whole numbers. The readings at 8 a. m. and 8 p. m., 75th meridian time, and at all other hours at which eye readings are made of the dry thermometer, when they correspond to an exact hour, standard of time in local use, will be entered in the proper hours, and in the same hour column will be written, in red ink, with its appropriate sign, the correction for the self-registering instrument (see paragraphs 217 and 222–227). All eye readings at hours other than 8 a. m. and 8 p. m., 75th meridian time, will be underscored in red ink. When the standard of time in local use is not 75th, 90th, 105th or 120th meridian time the 8 a. m. and 8. p. m. readings, 75th meridian time, will not be entered, but the corrections at these hours will be entered at the nearest hour, standard of time in local use, and the correction will be applied as usual.

60. In case the register fails to record for a portion of the day the missing data should be supplied by interpolation; the data thus obtained will be connected by an asterisk to an explanatory note on the margin of the form.

61. Only data for whole days will be used in obtaining sums and means.

62. Footings.—The sums and means will be determined from the data entered in accordance with the foregoing instructions; the means being recorded to tenths.

63. Average Hourly Reading.—The mean of the column headed "Sum" will be obtained by dividing the total sum by the number of hours in the month.

64. Page 4 will be prepared at all stations where an automatic record of sunshine is made, except at those that have been authorized not to do so. The character of the day and average cloudiness will be entered at all stations.

65. The actual time sunshine was recorded during each hour will be entered to the nearest tenth of an hour in the appropriate columns under heading "Sunshine recorded during hours ending" (4 a. m. to 9 p. m., standard of time in local use).

66. The photographic record of sunshine obtained on the sensitized charts is recorded on solar time, which differs from local time by a variable amount, as shown in fig. 3, Circular G, Instrument Division. If the time error amounts to a tenth of an hour or more it must be elimi-

nated by complying with the instructions contained in paragraphs 24, 25, and 27 of Circular G, Instrument Division.

67. In tabulating the data from photographic records it will be necessary to change local mean time to the standard of time in local use. Hour lines will be ruled on the photographic record in red ink to correspond to the standard of time in local use. If the local mean time of the station is twenty minutes faster than standard of time in local use the red-ink hour lines will be ruled twenty minutes to the right of the hour lines, and if local mean time is twenty-five minutes slower than standard of time in local use the lines will be ruled twenty-five minutes to the left of the hour lines, etc. The data will then be tabulated with reference to these adjusted hour lines.

68. The "Character of sunrise and sunset" will be recorded as clear, cloudy, foggy, hazy, or smoky, depending upon whether the horizon was clear or obscured at the time of sunrise or sunset. When the character of sunrise or sunset is cloudy, foggy, hazy, or smoky the time these conditions obtained will be deducted from the full possible twilight correction.

69. It is not intended that observers shall go on duty at unreasonably early hours in order that the character of sunrise may be determined, but it is believed that, without much inconvenience, sufficiently accurate data can be obtained by noticing the character of weather immediately upon rising and by inquiry of persons who may have occasion to be up at time of sunrise.

70. The "Twilight correction" will be the difference between the time of sunrise for the latitude of station (as shown by Sunshine Table, Edition 1905) and the time at which the sunshine record began, and the difference between the time the sunshine record ended and the time of sunset (shown by table), provided the sky was clear during both these periods. If there were clouds, fog, etc., on the horizon sufficient to obscure the sun, either morning or evening, the time the sun was obscured should be deducted from the correction, as determined above.

71. The twilight correction will be apportioned among the morning and evening hours during which the sun shone and the register failed to record. The amount which belongs to each hour will be entered in red ink to the left of and above the entry of the amount of recorded sunshine. The twilight correction thus entered will be included in the sums entered at the bottom of the page.

72. Under "Hours of sunshine" the column headed "Total" will be the total recorded, including twilight correction. The "Possible hours of sunshine," recorded in the succeeding column, will be computed from the time of sunrise and sunset, as previously taken from Sunshine Table, Edition 1905.

73. In order that the first and last of the monthly "sums" under "hours ending" shall not be discordant with the "divisors" employed at the end of the month, the first and last fractional proportions of the "twilight correction" will be recorded each day to the nearest hundredth of an hour, provided the sun when at the horizon was not obscured; all other entries will be to the nearest tenth.

74. The "Percentage of possible hours of sunshine" will be obtained by dividing the total for each day (total recorded, plus twilight correction), multiplied by 100, by the "Possible" for the same date.

75. The "Percentage of possible for each hour" will be determined by dividing the "Sum," multiplied by 100, by the number of hours of possible sunshine for the entire month during the hour indicated by the heading of the column. Except for the hours ending shortly after sunrise or sunset the "Hours of possible sunshine" will be the same number as there are days in the month. The divisors to be used for the hours ending shortly after sunrise and sunset are given in Sunshine Table, Edition 1905. The "Percentage of possible" for the month will be determined by dividing the sum of column headed "Total," multiplied by 100, by the "Possible" for the month.

76. All percentages will be recorded to the nearest whole per cent.

77. If at any time the amount of sunshine recorded by the instrument is known to be incorrect, either because the instrument fails to record when the sun is faintly obscured by thin haze, cloud, light fog, or light smoke, or because it continues to record for moderate cloudiness which obscures the disk of the sun, the true amount, as determined by eye observations, will be entered in the proper hour spaces in black ink and an explanatory note made on the margin of the form and on the original record sheets. A slight readjustment of the angle of inclination of the glass tube will eliminate imperfect results of this character with the electrical sunshine recorder.

78. No twilight corrections for the first and last hours will be entered under the conditions given in paragraph 77, but the record for the entire time will be in black ink.

79. When hills, trees, or buildings in easterly and westerly directions cause the actual times of sunrise and sunset to differ from those in the table, the observer will note, about the 15th of each month, or oftener if the horizon is very irregular, the time of actual sunrise and sunset, for the center of sun's disk, and note those observations on the margin of the page.

80. When the photographic sunshine recorder is used the sensitized charts containing the permanent record will be pasted on Form No. 1065, provided for that purpose, before forwarding them to the Central Office (see paragraphs 25 to 27, Circular G, Instrument Division), but all data will be tabulated on page 4, Form No. 1001, only in accordance with the special instructions given.

WIND.

81. The current velocity, and maximum velocity since last observation, will be obtained in accordance with paragraphs 181–184. When the anemometer cups are not moving at the time of observation the wind

The following is an addition to paragraph 83, Instructions for Preparing Meteorological Forms:

The extreme velocity will be obtained by dividing 60 by the time (in minutes and fraction thereof) required in recording the shortest mile of wind, midnight to midnight, as shown on the wind sheets. This value will be entered daily on the right hand margin of page 7 of Form No. 1001, and immediately below the "Maximum velocity" on Form No. 1014. The heading "Extreme velocity" will precede the data on both forms.

maximum velocity will be the highest velocity for a five-minute period during the twelve hours preceding the regular observation.

84. Whenever there is a break in the record enter note with the maximum velocity for each twelve hours, and for the day, stating the time for which they are a record.

85. The total movement for the twenty-four hours ending at 12 midnight will be used as the total daily movement.

86. The prevailing direction of the wind for each hour will be entered in the hour spaces, page 6. Only one entry will be made as the prevailing direction for any single hour. If two or more directions are recorded an equal number of times on Form No. 1017, consider the directions adjacent to the hour in determining the direction to be entered as prevailing. When the wind movement for any hour is entered as "0," the direction for that hour will also be "0."

87. The prevailing direction for the day, and for the hour as recorded at the foot of page 6, is the direction or directions which appear most frequently in the respective line and column.

88. The direction recorded the greatest number of times during the month will be considered and entered as the prevailing direction for that period. If two or more directions occur an equal number of times consider the adjacent directions in determining the prevailing direction for the month. Only one direction will be entered.

89. Hourly Wind Movement.—The number of miles of wind recorded each hour will be entered for each day on page 7.

90. In counting the number of miles of wind for each hour the closing of the circuit should be counted as the mile and should be given to the hour in which the circuit closed.

91. The record for each day on pages 6 and 7 must be completed on the day following that for which the entries are made, or as soon thereafter as practicable, and the total for each day compared with the total from midnight to midnight, for the same period of time, entered on the face of the wind sheet.

92. The average hourly velocity will be obtained by dividing the total movement by the number of hours in the month.

93. The maximum velocity during the hour will be entered in red ink in the upper left-hand corner of the hour space each hour that the maximum velocity exceeds the limit fixed by the official in charge, for entry in Form No. 1014 (see par. 163). This velocity will be entered in the space provided at the top of the page.

CLOUDS.

94. Entries of clouds will be printed thus: Ci., Ci.St., Ci.Cu., A.Cu., A.St., St.Cu., Nb., Cu., Cu.Nb., St.

95. The amount of clouds will be recorded on a scale of zero (0) to ten (10). If no clouds are visible, record zero (0); less than one-tenth, record "Few;" less than two-tenths and not less than one-tenth, record 1, etc. Absence of movement will be indicated by the figure zero (0) in the space for direction; and at night, when there is doubt as to kind and direction, a query mark (?) will be placed after the questionable record. The directions from which the clouds are moving will be recorded to eight points of the compass, as N., NE., E., etc.

96. Haze, smoke, and fog will not be recorded in tenths, but must be designated as dense or light, except when smoke or fog occurs in only a portion of the sky, then as follows: $\frac{1}{10}$ light fog in NE., W.; $\frac{2}{10}$ light smoke in W., N., etc. These fractional amounts will not be considered in footing up the columns.

97. No clouds will be recorded with dense haze. If clouds are observed, the haze will be entered as light. Haze will not be given a direction. When dense haze is observed the state of weather will be recorded as "Hazy," and when light haze is observed the state of weather will be determined from the amount of clouds.

98. Dense smoke and dense fog (unless they prevail with nimbus clouds) will not be recorded when clouds are observed, except when from the roof of a building the sky can be seen, in which case a note will be entered stating the fact, and the state of weather will be determined from the amount of clouds; otherwise, when dense smoke or dense fog is observed the weather will be recorded as "Smoky," or "Foggy," as the case may be. When light smoke or light fog is observed the state of weather will be determined from the amount of clouds.

99. Fog and smoke can have a direction; when no movement is perceptible, record zero (0) in space for direction.

100. If there be two or more kinds of clouds observed, invariably record the upper first and the lower immediately underneath in the space for clouds.

101. Clouds will be recorded according to their form without reference to the occurrence of precipitation. That is, if rain is falling from strato-cumulus clouds, record the clouds "St.Cu." and the state of weather "Light rain," etc. When precipitation is occurring with dense fog, record the clouds "10 Nb." and the direction the same as the wind. When precipitation is occurring in the distance, but not actually at the place of observation, an explanatory note will be entered and the state of the weather recorded in accordance with the conditions at the place of observation.

102. Observers should be careful not to record cumulus or strato-cumulus as cumulo-nimbus. It is seldom that more than a few tenths of cumulo-nimbus clouds are visible.

103. In the column "Average cloudiness," page 4, observers will record in whole numbers the average amount of clouds during the day (sunrise to sunset) on a scale of zero (0) to ten (10), as determined from frequent personal observations.

104. The "Character of day" will be determined from data in column headed "Average cloudiness;" zero to three, inclusive, record "Clear;" four to seven, "Partly cloudy;" eight to ten, "Cloudy."

PRECIPITATION.

105. The time of each beginning and ending of precipitation will be recorded; intervals of fifteen minutes or less between the time of ending and recommencement not being considered except near the time of an observation, when all beginnings and endings must be recorded.

106. When a thunderstorm occurs the international symbol for thunderstorm (⚡) will be entered on the right-hand margin of page 8 on each day, midnight to midnight, standard of time in local use, on which thunder was heard.

107. The amount of rainfall will be determined by measuring with the "measuring stick" the amount in the receiver of the rain gage; record as the amount one-tenth of the actual depth measured. After the receiver has been emptied the water in the overflow, if any, will be poured into the receiver, measured, and added to that found in the receiver. Precipitation of less than 0.005 of an inch will be recorded "T." When the p. m. observation is not taken the amount of precipitation for that observation will be measured the same as if both observations were taken.

108. When there is danger of evaporation the rainfall will be measured as soon as the rain ceases, and the water, if drawn off, will be returned to the gage. If the measurement at the next regular observation exceeds this one it will be substituted therefor.

109. All precipitation entirely or partially in the form of sleet, snow, or hail will be melted, poured into the rain-gage receiver, measured, and recorded in the same manner as rainfall. The measurement of precipitation in the form of snow is attended with much uncertainty, due to the action of the wind in drifting the snow and preventing it from entering the gage or blowing out a portion of snow that has entered. If the observer has reason to believe that the amount collected in the snow gage is not the total snowfall since last observation, three measurements of the depth of snow will be made at different places and the mean of these measurements recorded as the actual depth of the snow. If it is impracticable to melt the snow, or the amount collected in the snow gage is not considered correct, one-tenth of the amount of snow in the gage or from measurements elsewhere, as the case may be, will be recorded as the amount of precipitation for that observation with an explanatory note.

110. The following suggestions are given for the guidance of observers in the measurement of snowfall:

While one-tenth the depth is arbitrarily adopted as the water equivalent of snow, yet this is only coarsely approximate, and observers should always endeavor to determine the actual equivalent by one of the following methods:

First method.—Select a place where the snowfall is as little disturbed as possible and cut out a section with the snow gage, or 8-inch overflow of the rain gage, by sinking the gage inverted through the snow and covering the mouth with a sheet of tin or thin board. The 8-inch cylindrical section of snow thus secured is then most conveniently measured by weighing, either in the gage itself, the weight of which is afterwards deducted, or after first emptying the snow into some smaller or lighter vessel. If this weight can be ascertained with an accuracy of within one-fourth of an ounce, the water equivalent will be given to the nearest hundredth of an inch by use of Table II.—Paragraph 77, Circular A, 1903.

Second method.—If the snow is melted and measured in the measuring tube of the rain gage, care must be taken that loss does not occur by evaporation. Rapid melting must be avoided. The best results are obtained, not by melting directly, but by mixing a measured quantity of warm water with the snow and then measuring the slushy mixture, just as if the snow were all melted, deducting, of course, the amount of warm water added. Ten or even five inches of warm water in the measuring tube are sufficient for effecting the measurement of a very considerable snowfall. Care must be taken in changing the snow or water from one vessel to another that portions of the precipitation are not lost.

111. When precipitation is occurring at the time of observation, or occurs between the taking of the observation and 8 o'clock, 75th meridian time, a check mark will be made on Form No. 1017 or No. 1028 to show the exact time of observation. The record for that hour as entered on the face of the above forms will include the amount between the check and the end of the hour, but under head of precipitation at time of the a. m. and p. m. observation on the above forms, as also similar headings on Forms No. 1001, No. 1014, and No. 1083, the entries will show the amounts recorded at the time the measurements were made.

112. Precipitation from fog, dew, or frost will not be recorded in this form. Absence of precipitation will be indicated by the figure zero (0).

113. All beginnings and endings of precipitation will be entered in chronological order on the dates on which they occur, beginning at the left-hand column. Only one entry will be made in each column when there are not more than four showers. A. m. and p. m. will be entered as "a" and "p," respectively. When time of beginning and ending is unknown it will be recorded as D. N. a. or D. N. p. (during night).

114. The depth of snowfall (which remained on the ground for an appreciable length of time) during the preceding twenty-four hours will be entered each day in the column headed "Unmelted ..... p. m. to ..... p. m.," on page 8.

115. Less than 0.05 inch of unmelted snow, and all snow which melts as it falls, will be recorded as "T," and in the case of the latter a marginal note "Melted as it fell" will be entered.

116. The total depth of unmelted snow on the ground each day at 8 p. m., 75th meridian time, by actual measurement (the mean of three measurements when the snow is drifted), will be entered in the column headed, "On ground at ..... p. m.," page 8.

117. All unmelted snowfall will be recorded to inches and tenths, except as indicated in paragraph 115.

118. Enter under "Amount of precipitation from melted snow (midnight to midnight)" on page 8 the amount of precipitation from melted snow (estimated if unknown). When it is estimated, a marginal note should be entered stating the fact.

119. Care should be taken in determining the character of precipitation when in the form of sleet or hail. Only the precipitation that occurs in the form of frozen or partly frozen rain should be called sleet. Hail is formed by accretions consisting of concentric layers of ice, or of alternate layers of ice and snow. It frequently happens that snow falls in the form of small, round pellets, which are opaque, having the same appearance as snow when packed. This should never be recorded as sleet.

Hail and sleet will not be entered in the columns for unmelted snow.

WEATHER.

120. The state of the weather will be determined and recorded with reference to the degree of cloudiness, and whether or not precipitation is falling or likely to fall soon; thus when the sky is three-tenths or less covered with clouds, record "Clear;" four to seven tenths, inclusive, "Partly cloudy;" eight to ten tenths, "Cloudy;" and "Misting," "Sprinkling," "Light rain," "Heavy rain," "Light snow," "Heavy snow," "Sleeting," "Hailing," "Threatening," and "Clearing" when these conditions exist (see paragraphs 97, 98, and 105). When two or more kinds of precipitation are occurring at the time of observation all will be entered under the "State of weather." When light fog, light haze, or light smoke is observed with no clouds, the state of weather will be recorded as "Clear."

121. When a thunderstorm is prevailing at the moment of observation, or the rain is still falling, although neither thunder has been heard nor lightning seen for one hour previous to the observation, the international symbol for thunderstorm will be entered after "State of weather."

FOOTINGS AND SUMMARY.

122*a*. No data required.

b. Underscore in red ink maximum and minimum of the column.

c. Enter most frequent kind or direction, and when two or more directions or kinds are observed an equal number of times, all will be entered. Calm will not be considered in determining the most frequent direction.

Haze, fog, and smoke will always be considered in determining the most frequent kind of clouds; and the direction of fog and smoke will be considered in determining the prevailing direction of clouds, but the amount of fog or smoke will not be considered in the sums or averages.

f. On page 3 under "Fog," "Light," or "Dense," enter the time of beginning and ending on days when these conditions are observed at station, midnight to midnight, standard of time in local use. Enter on page 9 the dates of all days on which fog is observed. A dense fog is one that is dense enough to obscure objects at a distance of *one thousand feet*.

g. The monthly means of "Station pressure," "Reduced pressure," "Dew-point," "Humidity," "Vapor pressure," and "Temperature" (a. m. + p. m. ÷ 2) will be obtained by adding the monthly means of the a. m. and p. m. observations and dividing the sums by 2. The "Monthly mean temperature" will be obtained by dividing the sum of the mean maximum and mean minimum temperatures by 2. The sea-level, 3,500-foot, and 10,000-foot temperatures will be obtained by applying the corrections in the table to the monthly temperature. The 3,500-foot and 10,000-foot pressures will be obtained by using the monthly temperature as the temperature argument and the corrected monthly station pressure as the pressure argument.

h. In determining the highest and lowest pressure all regular and special observations entered in the form will be considered. When the highest or lowest reduced pressure occurs on more than one date, carry the reduction to thousandths to determine the actual date.

i. The highest and lowest temperatures and the greatest and least daily ranges will be taken from page 8, but the dates on which they actually occurred (tenths considered) will be determined from pages 2 and 3. At stations supplied with thermographs, when the monthly maximum or minimum temperature is recorded the same on two or more dates on pages 2 and 3, the date of the highest or lowest temperature for the month will be determined by the thermograph trace, using the date on which the highest or lowest point is reached by the thermograph pen. When the greatest or least daily range of temperature occurs on two or more dates, as shown on pages 2 and 3, the date will be determined by referring to the thermograph trace.

j. The number of days with the maximum temperature 90° or above, 32° or below, and minimum temperature 32° or below, and zero or below will be determined from the maximum and minimum thermometer readings as recorded to tenths. When the maximum or minimum temperature is taken from the thermograph it will be considered as whole degrees.

k. When on more than one date, both dates will be given.

l. (1) Precipitation will be considered excessive when it equals or exceeds 2.50 inches in twenty-four consecutive hours, or 1 inch in one hour. See also paragraph 205.

(2) In determining the duration of excessive precipitation of 2.50 inches in twenty-four hours at stations equipped with recording rain gages, the period of duration will begin with the first closing of the circuit and end with the last closing for each shower. All intervals between showers will be excluded. At stations not equipped with recording gages the period of duration will be the time precipitation actually occurred. The period may be extended beyond twenty-four hours as long as the rate of 2.50 inches in twenty-four hours continues.

(3) When the above data are compiled for publication the following footnote will be made: "The duration is the time precipitation was actually recorded."

(4) Excessive precipitation at the rate of 1 inch an hour will not be entered on Form No. 1001.—Met'l unless 1 inch falls within one hour. If 1 inch is recorded in less than one hour that amount only will be taken, unless the rate of fall continues excessive (at the rate of 1 inch an hour or eight and one-third hundredths inch in five minutes), in which event the entire amount of precipitation at the excessive rate and the entire time at which the rate was excessive will be entered.

(5) After 1 inch has been recorded within one hour, if the rate ceases to be excessive for a short time and again becomes excessive, whether or not it extends beyond one hour, both amounts will be included, provided the amount for the last excessive period is sufficient to make it and the nonexcessive interval, taken together, excessive.

(6) At the beginning or ending of excessive precipitation of 1 inch an hour no amount at less than that rate will be included unless required to make a total of 1 inch in an hour.

m. In compiling the maximum precipitation in twenty-four hours and excessive precipitation data, the division of the months will be disregarded. The same data will not be included in the compilations for two months. When the record for the 1st of a month has been included in that for the preceding month, a note to that effect will be entered on page 9.

n. A day with snow is one on which a trace or more of melted snow fell, midnight to midnight. A day with hail is one on which a trace or more of hail fell.

o. To be taken from the sum of column headed "Snowfall, unmelted, p. m. to ..... p. m.," page 8.

p. To be determined from page 6 at stations that prepare said page and from the "Number of times observed from," as recorded in the summary, at stations that do not prepare said page. If two or more directions are recorded an equal number of times, consider the adjacent directions in determining the prevailing direction for the month. Only one direction will be entered. When calm exceeds the prevailing direction, it will be entered immediately above the latter.

r. Enter but one maximum wind velocity, direction, and date.

t. The "Monthly mean cloudiness" will be the mean of the column "Average daily cloudiness," on page 4.

u. To include only days on which 0.01 inch or more of rain, melted snow, sleet, or hail fell.

v. A day with thunderstorm is one on which thunder is distinctly heard at the station, whether or not lightning is seen or rain falls at the station. (See par. 106.)

w. Stations having a recording rain gage will enter the maximum fall in five and ten minutes, etc., for the month, together with the date of occurrence.

RULE FOR DISPOSING OF DECIMALS.

123. In dropping decimals, if the figure to be dropped is greater than 5 (or 5 with a remainder) the preceding figure will be increased by 1. If the decimal figure to be dropped is 5 exactly, the preceding figure when odd will be increased by 1, and when even it will remain unchanged. If the figure to be dropped is less than 5, retain the preceding figure unchanged.

124. In computing the monthly means of barometer and vapor pressure the division will be carried to four decimal places, and the fourth decimal dropped in accordance with the preceding rule. In computing all means (except for barometer and vapor pressure) carry the division to two decimal places only, and dispose of the last decimal figure according to the preceding rule.

FROSTS.

125. The date of occurrence of each frost will be recorded throughout the year in California and Florida and along the immediate coast of the Gulf of Mexico.

126. In the spring the date of occurrence of each frost will be recorded within and to the southward of the different zones on and after the dates set opposite the several lines upon the chart at the end of this circular.

127. All frosts occurring at any station between May 1 and August 31 will be recorded.

128. During the autumn and winter frosts will not be recorded subsequent to the date on which the first killing frost occurs, except as specified in paragraph 125.

129. Frosts will be designated as "light," "heavy," or "killing." The term "light" signifies no destructive effect except to tender plants and vines; "heavy," a copious deposit of frost, but which does not kill the staple products of the locality, and "killing," frost that is destructive to vegetation and staple products.

130. The character of frost, whether light, heavy, or killing, must sometimes be determined by the phenomenon itself, rather than by its effect on vegetation and the staple crops, since the latter may have passed the stage where injury was possible.

MONTHLY METEOROLOGICAL NOTES.

131. Pages 11 and 12 will contain an account of important atmospheric phenomena, not easily susceptible of tabulation, occurring at or in the vicinity of the station. Events will be described after the manner of a narrative, covering the entire period of occurrence, whether consisting of a fraction of a day or of a number of days.

132. An annual index will be prepared on the printed form provided for that purpose and will be submitted with the December Form 1001. Subjects will be indexed by month and date.

133. The meteorological notes will be written with a typewriter and the writing should be single spaced. Both sides of the sheet will be used, and, if necessary, an additional sheet will be inserted. A press copy will not be made.

134. In the reporting of meteorological phenomena too much care can not be exercised to make the account explicit and to state accurately the time of occurrence. Very often the omission of a single detail detracts materially from the value of the report.

135. In describing weather conditions and phenomena it is preferred that clock time be employed. Midnight will be understood to refer to the end of the day and will receive the date thereof. Twelve o'clock midnight and twelve o'clock noon will be written thus, respectively: 12 midnight; 12 noon. Night will be referred to thus: "Night of the 3d–4th," and will cover the time from dark to daylight.

136. At stations on the lakes and navigable rivers the opening and closing of navigation, together with the name of the first vessel to arrive and the last to depart, should be recorded.

137. Noteworthy facts in regard to frosts will be recorded in accordance with paragraphs 125–130.

138. Especial care should be taken to note the *dates* of the occurrence of the first and last frost of each character in *the annual index of the Monthly Meteorological Notes.* If the dates of the first and last killing frost can not be determined the first day with the minimum temperature of 32°, or lower, in the autumn, and the last day with 32°, or lower, in the spring, *when precipitation did not occur* while the temperature of 32°, or lower, obtained, will be recorded, with an explanatory note as to the probable cause of the absence of frost on those dates.

139*a.* A tornado is a violent local storm, in connection with which is usually noted a well-defined, pendant, funnel-shaped cloud, with attendant rotary winds, often of sufficient violence to prostrate buildings and uproot trees, and leaving unmistakable evidence of rotary winds.

b. Whenever a tornado occurs in the vicinity of a station the official in charge will make diligent effort to obtain an accurate description of all meteorological elements accompanying the tornado. In gathering and preparing the data relative to a tornado, information on the following points is desirable:

c. The path of the tornado, with the location of buildings destroyed and the distribution of the débris on either side of the storm track. This should be shown by a map.

d. The name of the place and the date and hour of occurrence. If the tornado passed near a town the distance, and direction from, should be noted.

e. The appearance of the cloud; glow, and funnel-shape; the color of cloud; the meeting of clouds; lightning, and whether seen to issue from the funnel cloud.

f. Character and amount of precipitation, including hail; size of hail.

g. Nature of attendant noises.

h. Direction of motion of storm.

i. Presence of a whirl, either as seen in a cloud or as evidenced by the distribution of the débris.

j. General direction in which trees or débris lay in the center line of greatest destruction, and on either side of this line.

k. Length of path and width at point of greatest destruction.

l. Number and names of persons killed.

140. Various optical phenomena are constantly occurring in the atmosphere, and while they have no very important bearing upon the weather it is desirable to note their occurrence. Among these phenomena may be mentioned auroras; halos, solar and lunar; rainbows; coronas; parhelia; paraselenæ, and mirages.

141. Auroral displays should be described, giving in all cases where practicable the time of beginning and ending and the altitude and azimuth of each extremity and of the crown of any arch of light that may be formed. Azimuths should be recorded as in astronomy, from the south point to the westward, passing successively through west, north, and east points of the compass until the starting point is reached.

142. In counting the number of auroral displays, those occurring on parts of two successive days will be counted as single displays, but in counting the dates of auroras, when they extend past 12 midnight, both dates will be counted.

143. Whenever a meteor is seen the "illumination" left by it should be carefully noted, both as to its appearance and the direction in which it apparently floats.

FORM No. 1002.

144. This form will be made out in duplicate at the end of the year on the current edition.

145. If the elevation of the anemometer, thermometer, or rain gage has been changed, that on December 31 must be given. The dates of changes and old elevations must be carefully recorded on the margin.

146. The sum of corrections and all changes in the same must be carefully noted under "Sum of barometer corrections," page 1, and the date and observation upon which it was first used.

147. When one or more observations have been missed, connect all data for less than a full month with a footnote, stating the length of time of the record.

148. The monthly mean pressure, dew-point, relative humidity, absolute range of pressure, and all other data, except as hereinafter provided for, will be taken from the summary of Form No. 1001 or the Climatological Record. The decimal in the case of the dew-point and relative humidity will be disposed of according to rule.

149. In the space for date of highest and lowest pressure and temperature for the year enter the month and day thereof, as "July 6." The mean daily range and mean daily change of temperature will be taken from the columns similarly headed on page 8, Form No. 1001.

150. The data to be entered in the columns headed "Total" and "Possible" will be taken from the sum of the columns similarly headed on page 4, Form No. 1001. The "Percentage" will be taken from the monthly percentage of "Total." Stations not supplied with a sunshine recorder will leave these columns blank.

151. The prevailing wind direction for the year (at foot of column headed "Prevailing direction") will be determined from the sums of "Number of times observed blowing from the N., NE., etc."

152. The mean hourly temperature and wind velocity will be taken from the mean values at the foot of pages 5 and 7, respectively, and the data for entry in columns headed "For the month," from the average hourly temperature and wind velocity, respectively. Data for less than one-half of a month will not be recorded, and in case the data for one or more months are missing the sums and means for the year will be omitted. All means will be obtained by dividing the sums of the respective columns by 12, and each mean will be recorded to the same number of decimal places as the data from which it is obtained are recorded.

FORM No. 1003.

153. The data to be entered on Form No. 1003 will be an exact copy of those in columns similarly headed in Form No. 1002. One copy will be forwarded to the Central Office with Form No 1002. A retained copy need not be kept.

FORM No. 1014—DAILY LOCAL RECORD.

154. Time.—All entries will be on the standard of time in local use; this will be local mean time at the few places where such is in current use.

155. Enter against the heading "Temperature at the end of hour" the corrected thermograph readings, except whenever eye readings of the dry thermometer at exact hours are available they will be entered. The maximum and the minimum thermometer readings and the mean daily and normal temperatures will be entered on the right-hand side of the sheet, and these entries will correspond to those entered on page 8, Form No. 1001.

156. Under "State of weather" enter the nature of the precipitation, whether rain, hail, sleet, or snow, with the time of beginnings and endings. The character of precipitation may be indicated by a single letter; thus, for rain beginning at 9.15 a. m. the entry would be "R. B. 9.15" in the column headed 9–10. The ending should be indicated in a similar manner in the proper hour column.

157. On the right-hand margin of the form, opposite the heading "Nature of precipitation, etc.," the total depth of snowfall for the twenty-four hours ending at 8 p. m., 75th meridian time, will be entered.

158. The blank space on the form for the time will be filled up by entering the standard time in local use corresponding to 8 p. m., 75th meridian time. In the same manner the amount of snow on the ground at 8 p. m., 75th meridian time will be entered.

159. In the spaces against the heading "Amount of precipitation" will be given the hourly amounts, when obtainable by self-register. Stations not supplied with self-registers will leave the spaces blank. On the right-hand margin space is provided for the entry of the total precipitation as measured at the 8 a. m. and 8 p. m. observations, 75th meridian time, except that the time will be given in the local standard in use at the station instead of 75th meridian.

160. The total precipitation, midnight to midnight, will also be entered in the space provided for it. At stations not provided with self-registers the amount will be estimated and a note to that effect will be made.

161. In the spaces headed "Cloudiness and other conditions" the state of the weather will be indicated by the words "Clear," "Partly cloudy," "Cloudy," "Fog," etc., and the time that these conditions prevailed will be indicated by means of arrows and lines drawn through the hour spaces on both sides of the word and ending at the time when the conditions began and terminated. Moonlight should be observed and a symbol entered to indicate the phase of the moon on the date for the

maximum of each phase. If the moon is obscured at intervals, either totally or partially, these facts should be noted. The "character of the day" will be entered in the space provided for it.

162. The space headed "Sunshine" is intended to replace the entries which were formerly made on Form No. 1070, and the instructions which apply to page 4, Form No. 1001, will be followed in entering the data on this form.

163. In like manner the spaces for "Wind direction" and "Wind movement" will be prepared precisely as the similar columns on pages 6 and 7, Form No. 1001. The third space under wind, "Maximum velocities exceeding ..... miles," will contain a statement of the maximum hourly velocity taken from Form No. 1017 or No. 1015 whenever the wind exceeds a certain limit. This limit will be fixed by officials in charge of stations. In general, maximum velocities below 25 miles will not be entered unless there is demand for them at the station. Officials in charge will aim to enter only those maximum velocities which may be of importance to the public interests at the station.

164. Space has been provided for use in entering excessive precipitation data. Against the right-hand margin of this space relative humidity, reduced barometer, and river readings should be entered.

165. Copies of the barograph and thermograph trace will be made on the diagrams at the foot of the page.

166. The space provided for notes will be used whenever the instrumental readings do not clearly express the weather conditions of the day. Under this head a description should be given of all severe storms, cold waves, frosts, or any abnormal condition that may prevail, together with the time of receipt and the time of hoisting warnings of all kinds. The Daily Local Record should contain a complete history of the weather of the day and be carefully verified. It will be retained at the station, and a copy will not be furnished to the Central Office. It should be made in record ink, except that the notes at the bottom may be written with a typewriter.

167. All special features will be indexed.

FORMS No. 1015, No. 1017, No. 1028.

175. Enter in the lower right-hand corner of each sheet the meridian of time on which the record is made; as 75th meridian time, 90th meridian time.

176. Incomplete Records.—Observers will examine the registers each morning immediately upon arriving at the office to see whether or not they are working properly. If the anemometer is out of order a dial reading will be made at once and entered on the sheet, together with the time at which it was made.

177. Dial readings will also be made at each regular observation and at each noon during the incomplete record and when the record is started, and entered on Form No. 1015 or No. 1017. The data will be interpolated when the loss of record is less than twenty-four hours. Short breaks in the record when the self-register fails to work may be estimated when the observer believes he can approximate what the record would have been. In all such cases an explanatory note will be entered on all forms where the data are used.

178. In case of loss of record for a period of twenty-four hours or more, blank sheets for the period containing the name of the station, dates, and such data as can be obtained will be prepared and forwarded with the regular monthly package.

179. Whenever the instrument has not been running on correct time a note should be made to indicate the true time of the record.

180. The total movement of the wind for each six hours and for the day will be entered on the left-hand margin in the proper spaces.

181. Current Velocity, how Obtained from Register.—To obtain the current velocity from the anemometer record, take the number of spaces and parts of spaces between the mile marks recorded in the five minutes preceding the moment considered and multiply the result by 12, except when the wind has blown at the rate of less than 12 miles an hour, when the velocity will be determined as shown by the second example below.

First example: Suppose the number of spaces indicating mile marks between 7.55 p. m. and 8 p. m., 75th meridian time, was $1\frac{1}{4}$, then the velocity of the wind to be recorded at the p. m. observation is $1\frac{1}{4} \times 12 = 15$ miles per hour.

Second example: If the interval between the last two mile marks is seven minutes, then the current hourly velocity will be obtained by dividing 60 by $7 = 8\frac{4}{7}$ miles, recorded as 9 miles.

182. Maximum Velocity, how Obtained from Register.—The maximum velocity of wind will be obtained by considering the number of spaces and fractions thereof between the mile marks in the five minutes where the velocity is the greatest and multiplying the result by 12; the product will be the maximum velocity.

183. If the shortest space between two mile marks in the period covers more than five minutes of time, then the elapsed time for said space will be the basis of the calculation. Example: If the shortest space between two mile marks is thirteen minutes, then the maximum velocity is $60 \div 13 = 4.6$ miles per hour, which will be recorded on Form No. 1001 as 5 miles.

184. For convenience and accuracy in determining the velocity of the wind a scale has been prepared and furnished to each station with which the velocities may be read direct from Form No. 1017—Met'l without computation. This scale consists of a series of subdivisions equal in length to the intervals between the mile marks on the record sheet for all velocities from 5 to 39, and for every even mile from 40 to 78 miles per hour. To determine the velocity, find the portion of the scale where the subdivisions correspond to the mile marks on the sheet. If the mile marks correspond with the smallest subdivisions, the velocity is shown by the first row of figures on the scale. If the mile marks correspond to 2, 4, or 8 of the subdivisions, the velocity is shown by the second, third, or fourth row of figures. When measuring maximum or current velocities for which a whole number of miles is not recorded in five minutes, it will be necessary to estimate the proportional part of a mile required to complete the five-minute period.

185. Maximum Velocities Entered on Wind Sheets.—The maximum wind velocity (for any five minutes) for the day, midnight to midnight, standard of time in local use, and the maximum velocity, when entered on pages 2 and 3, Form No. 1001—Met'l, will be entered in ink on Forms No. 1015 and No. 1017—Met'l immediately above the record as shown by the self-register. Care will be taken not to obliterate any record, and the word maximum will be abbreviated thus: Max. 25.

186. Current Wind Velocity, how Obtained from Dial.—Make two readings of the outer dial with an interval of five minutes between

them. The difference between these readings will be the distance, in miles and tenths, traveled by the wind in that interval. This, multiplied by 12, will give the indicated velocity in miles per hour. Example: Suppose the index of the anemometer to be at 3.4 on the outer dial when the first reading is taken and at 4.1 five minutes after, the difference, 0.7 mile, is the distance traveled in that time; and this, multiplied by 12, gives a velocity of 8.4 miles per hour.

187. The total movement by register for any period will be obtained by counting the number of marks in the period.

188. Wind Movement from 12 Noon to 12 Noon by Dial, How to Obtain.—Subtract the reading of the anemometer dial at 12 noon of the preceding day from the reading taken at 12 noon of the current day; the difference will be the total movement. When the reading of the anemometer is less than the reading of the preceding day, 990 miles will be added to it, and the remainder, after subtracting the reading of the preceding day, will be the total movement. Example: The dial reading of to-day is 91, and that of yesterday was 950, hence we have 91 + 990 = 1081; 1081 − 950 = 131, the total movement of the wind in miles from noon to noon.

189. Velocity of Wind, Estimated.—Whenever instruments are not available for directly measuring the wind velocity it will be estimated by reference to the following scale:

Name.	Miles per hour.
Calm	0 to 5.
Light	6 to 15.
Moderate	16 to 25.
Brisk	26 to 35.
High	36 to 50.
Gale	51 to 65.
Hurricane	66 or more.

190. Dial Readings.—The reading of the anemometer dial made at 12 noon on the first day of each month and at 12 noon each Monday during the month will be recorded on the sheet just taken from the register. Only actual dial readings will be recorded.

191. The accuracy of the anemometor record for each month may be verified at the end of the month as follows: Ascertain the total wind movement by register from 12 noon of the first day of the month in question to 12 noon of the first day of the succeeding month; add to this the dial reading on the first day of the month being verified and divide the sum by 990; the remainder should equal the dial reading on the first day of the succeeding month.

Example.

Total movement, 12 midnight to 12 midnight	3,283
Less twelve hours preceding 12 noon of the first day of month	70
	3,213
12 midnight to 12 noon of first of succeeding month	22
Dial reading on first day of month	303
	990)3,538(3
	2,970
Dial reading on first day of succeeding month	568

192. Anemometers Changed.—When the anemometer is changed a note will be made on the lower margin of the anemometer record sheet, giving the date and the hour of the change and the dial reading of both old and new instruments. If changed at 12 noon both readings will be recorded on the sheet just taken from the register.

193. When an electric sunshine record is made the character of sunrise and sunset will be written, at the proper hours, on Form No. 1017.

194. When both sunshine and rain are recorded on the same sheet, the portion representing rain will be clearly marked by brackets and such footnotes added as may be necessary to completely identify the records in case there is likely to be uncertainty.

195. Precipitation.—Whenever a station is equipped with a recording rain gage, that gage will be regarded as the station gage, and the measurements of the amounts of precipitation it collects will be the official measurements of the precipitation at the station.

196. Beginning and Ending of Precipitation.—The time of beginning and ending of precipitation will be recorded on the automatic record sheets (Forms No. 1017 and No. 1028) by direct and reverse check marks, thus (√) (\), accompanied by the letters B and E, respectively, said check marks being placed at the points corresponding in time on the sheet to the observed time of beginning or ending of precipitation, standard of time in local use. Whenever the time of beginning or ending is doubtful the entry will be accompanied by a query mark (?). Any information that will aid in determining the hourly amounts and rates of rainfall, when imperfectly recorded, should be given.

197. The characters B. D. N. or E. D. N. will be used to denote the beginning and ending of precipitation during the night, when the time is not known.

198. Whenever it becomes necessary to remove the recording gage to prevent injury from freezing (see paragraph 26, Circular E, Instrument Division), a note will be entered on page 9, Form No. 1001, giving the dates it was removed and again exposed. Stick measurements of the amount of precipitation collected in the snow gage will be made as instructed in paragraphs 109 and 110.

199. The precipitation collected in the tipping-bucket gage will be drawn off at each regular observation, the contents measured by stick in the measuring tube, and the amount recorded on Forms No. 1001 and No. 1017.

200. When the amounts by register and stick measurements at an observation differ by 10 per cent or more, a brief explanation of the probable cause of the discrepancy should be noted on the form upon which the disagreement appears.

201. At stations using the weighing gage the amount of precipitation at the regular a. m. and p. m. observations will, in general, be determined from the record sheet; but, in case of failure of the instrument to properly record, the amount of precipitation will be found by adjusting the sliding weight on the gage until equilibrium is established. The amount of precipitation is then shown by the scale reading, which will be taken to the nearest hundredth only. If a satisfactory scale reading can not be made for any reason the contents of the gage will be emptied into and measured in the tube of the standard 8-inch gage. The recording gage should then be set in operation as soon as practicable.

202. Whenever the gage is emptied at any hour other than noon, the time and the amount of precipitation in it will be entered at the foot of the form. When the sheet is removed the actual amount of precipitation will be entered in the space at the foot of the form, and the trace lines for each twelve hours will be dated at the beginning and ending of the line.

203. The hourly amounts of precipitation will be entered in red ink, near the middle of the hour period, on Form No. 1017 or No. 1028, whichever is used for obtaining the instrumental record; for example, the amount during the hour from 1 to 2 p. m. will be entered near the 1.30 p. m. line on the sheet. In case of precipitation only partly recorded the hourly amounts for the period during which the record was defective will be estimated, if sufficient data are available; otherwise they will be omitted.

204. The totals of the hourly precipitation must in every case equal the total precipitation by stick measurement.

205. In tabulating excessive precipitation data from Forms No. 1017 and No. 1028 for storms in which the rate of fall equals or exceeds the limits shown in the following table, the accumulated amounts for each successive interval of five, ten, fifteen minutes, etc., during which the precipitation continues at an excessive rate will be entered in the table provided for that purpose in the summary, Form No. 1001. Under head "Total duration" will be entered the beginning and ending of precipitation; under "Excessive rate" will be entered the time precipitation began to fall at an excessive rate, which will not be less than 0.05 inch in five minutes irrespective of the printed lines on the form, and the time the precipitation fell below that rate. This, however, must not be construed to mean that short periods during the progress of a storm where the rate falls temporarily below this limit shall be excluded. When the rate falls below the lowest limit, 0.05 inch in five minutes, for a period of thirty minutes or more the succeeding excessive precipitation will be tabulated separately. Under the heading "Accumulated depths of precipitation, etc.," will be entered the accumulated amounts for the respective periods, all periods beginning at the same point of time, which should be identical with that given under "Excessive rate, began—." The tabulation will be continued so long as the excessive rate, as indicated above, continues. When the excessive rate extends beyond one hundred and twenty minutes the tabulation will be made for each fifty minutes separately, so long as the excessive rate continues.

Example.

Excessive rate.		Amount before excessive began.	Depths of precipitation (in inches) during periods of time indicated.									
Began—	Ended—		5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.
7.01 a. m.	7.51 a. m.	2.66	0.08	0.25	0.38	0.52	0.77	0.88	0.92	1.28	1.42	1.80
7.51 a. m.	8.41 a. m.	--------	2.05	2.24	2.42	2.61	2.82	2.86	2.91	2.94	3.10	3.30
8.41 a. m.	9.32 a. m.	--------	3.53	3.61	3.78	3.92	4.19	4.29	4.35	4.45	4.64	4.70

Table showing limits at which precipitation may be considered as excessive.

Duration in minutes.	Depth of precipitation in inches.	Duration in minutes.	Depth of precipitation in inches.
5	0.25	35	0.55
10	0.30	40	0.60
15	0.35	45	0.65
20	0.40	50	0.70
25	0.45	60	0.80
30	0.50		

206. Storms in which the amount of fall does not equal that given above for any of the periods of time will not be tabulated.

207. In the case of the records from the tipping-bucket gage it must be remembered that, in addition to accidental errors due to defective action of the recording mechanisms, there will also frequently be found a discrepancy between the recorded and measured amounts, which is apt to increase with the rate of rainfall, and varies slightly with different gages, and even with the same gage under different circumstances, as regards cleanliness, moisture, etc. The observer must, therefore, apportion the corrections with reference to different rates of rainfall, remembering that hours of heavy rainfall should receive greater corrections than hours in which the rainfall is at a slower rate.

208. In general the method of apportionment illustrated in the following examples will be employed in correcting the automatic records for discrepancies referred to above.

209. Example 1.—The recorded amount of precipitation is 1.14 and the amount by stick measurement 1.23, showing a deficiency in the recorded amount of 0.09. This amount must be added to the record; that is, at the rate of 1 tip for each 12 tips recorded ($1.14 \div 0.09 = 12$; dropping all fractions). Therefore, in each group of 12 recorded tips one extra tip will be added, and the record thus corrected will equal the stick measurement.

210. Example 2.—The recorded amount is 0.86 and the measured amount 0.80, showing an excess in the recorded amount of 0.06. One tip must, therefore, be stricken out in each group of 14 recorded tips ($0.86 \div 0.06 = 14$).

211. In performing the divisions indicated in these examples the observers will always drop all fractions.

212. In many cases the exact point at which a tip is added or stricken out is not of great importance, but, in general, these corrections should be made at those portions of the record showing a noticeably rapid rate.

213. The points at which tips are stricken out in accordance with the foregoing instructions will be indicated on the record sheet by a small cross mark (×) in red ink, and the points where tips are added by a caret (∧) immediately underneath the point; such marks will not be used for any other purpose on the rain-gage record sheets.

214. Stick Measurements.—At noon, after each precipitation, the water in the weighing gage will be carefully poured into and measured in the measuring tube of the extra gage. If the gage is recording properly, and upon inspection or test is found to be properly balanced, no

stick measurements will be made at the time of taking the observation, but the amount of precipitation will be read off from the scale on the gage in accordance with the instructions given in paragraph 59 of Circular E, Instrument Division, and recorded on Form No. 1001. If the gage is not recording properly the amount at each observation will be ascertained by stick measurement, and these values entered on Forms No. 1028 and No. 1001 at each regular observation. Since this gage is generally not emptied at the time of taking an obseavation, it will rarely occur that the scale reading of the gage will directly give the twelve-hour rainfall called for on Form No. 1001. At the a. m. observation it will be necessary to deduct the scale reading at the last p. m. observation, and at the p. m. observation it will frequently be necessary to add to the scale reading a quantity representing the amount of precipitation that fell between the a. m. observation and the time the gage was emptied at midday. Observers are cautioned against errors in making these entries on Form No. 1001.

RECORDS FROM BAROGRAPHS AND THERMOGRAPHS.

215. SHEETS.—Barograph and thermograph sheets will each be clearly marked on the face of the sheet with the name of the station, time on which the records are made (as 75th meridian, 90th meridian, local mean time, etc.), and date; each day's record being dated as near the noon line for that day as practicable.

216. CLOCKS.—Every effort should be made to properly regulate the clocks to correctly keep time, winding them once a week, or oftener if necessary. The instruments should be inspected each day by the observer and properly adjusted by him when necessary. Whenever they are adjusted a marginal note, stating the fact, will be connected with the proper hour.

217. At the time of adjusting the barograph or thermograph pen, and when changing the record sheet, which will be at an exact hour, standard of time in local use, a reading of the station barometer (or dry thermometer) will be made and entered on the trace sheet. The corrections necessary to reduce the register to the standard at the time of changing the sheet and adjusting the pen, and for all regular and special observations, will be entered on the trace sheets in red ink. When the pen is set higher or lower there will be two corrections, one to apply to the preceding record and one to the following record. The correction to be used for other hours will be determined from the correction card by use of a pin or pins, as explained in paragraphs 223 and 224.

When the pressure or temperature at any particular station is such that the record might pass off the edge of the sheet or not be at all included in the rulings, observers will change the numbering of the lines by some convenient whole number and adjust the pen of the instrument accordingly.

218. THERMOGRAPH TIME ERROR.—At the time of taking the a. m. observation the observer will carefully touch with a lead pencil the lever projecting from the thermograph bulb, so as to cause the pen to make a short vertical mark on the sheet. A note will be made on the first sheet for each month stating the time at which the pen is regularly touched. If it is touched more than five minutes from the regular time a note will be entered stating the exact time the mark was made.

219. BAROGRAPH TIME ERROR.—If the barograph pen is not touched within five minutes of 12 noon a note will be entered giving the exact time the mark was made.

220. When the instrument is not running on correct time, this will be considered in taking off the data, so that it will be in true standard of time in local use.

221. CORRECTION CARD, HOW USED.—Ascertain the difference between the thermograph reading and the dry-bulb thermometer reading at any regular observation under consideration; then set the rubber band on the card in a notch at the left-hand edge corresponding to this difference. If this difference, or correction, must be added to the thermograph reading to make it agree with the dry-bulb reading, then the band must be set above the middle line, or, if the difference must be subtracted, set the band below. In a similar manner set the band in a notch at the right-hand edge of the card corresponding to the difference between the thermograph reading and the dry-bulb thermometer reading at the next regular observation. The hours on the correction card should be renumbered to agree with the meridian of time in use.

222. The thermograph correction at any hour between the regular observations is the distance above or below the middle line of the point at which the band crosses that particular hour line.

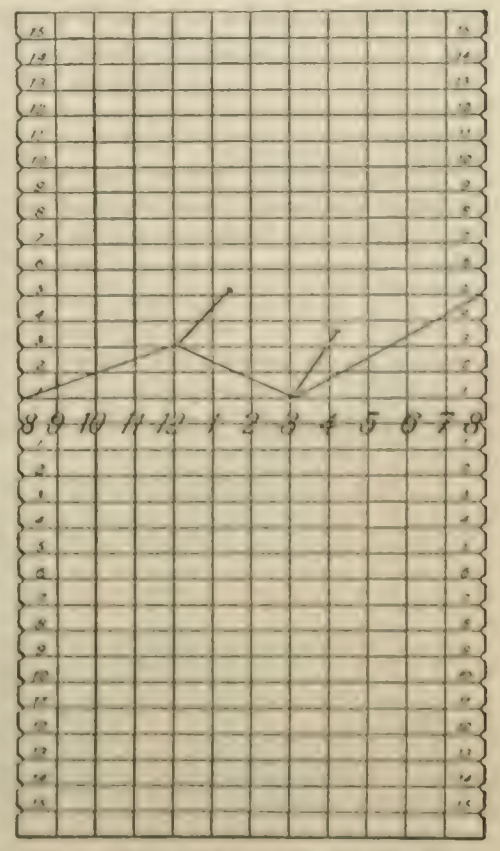
Example.

Difference at first 8 o'clock observation: + 2 (band above middle line).
Difference at next 8 o'clock observation: − 3 (band below middle line).

Hourly correction taken to the nearest unit.

9	10	11	12	1	2	3	4	5	6	7
+2	+1	+1	0	0	0	−1	−1	−2	−2	−3

This card also will be used in a similar manner for correcting barograph readings.



Thermograph correction card.

223. Eye readings of the thermometer and barometer at exact hours, as provided for in paragraph 217, should be used to check and correct the corresponding recording instruments. If the correction at 12 o'clock, for example, was +3, and at 3 o'clock +1, then if pins be stuck in the card at these points the rubber band may be deflected in the manner shown in the figure, and a complete series of corrections for the twelve-hour period from 8 a. m. to 8 p. m., 75th meridian time, determined.

224. The readings of the maximum and minimum thermometers at 8 a. m. and 8 p. m., 75th meridian time should also be used in connection with the 8 a. m. and 8 p. m., 75th meridian time, and all other readings of the dry thermometer, in order to determine the corrections to be applied to the thermograph trace throughout the twenty-four hours.

225. These corrections will also be entered on the trace sheet, and

will not be accompanied by explanatory phrases such as "correction at time of max.," "correction at time of min.," "correction at 8 a. m., etc.," as these unnecessary entries confuse the record.

226. The corrections thus determined should also be entered in red ink on page 5, Form No. 1001, at the time the dry thermometer was read, or at the hour nearest the time of occurrence of the extremes, as shown by the trace sheet, giving the preference to the previous hour whenever there is uncertainty as to which hour is nearest the time of maximum or minimum, as the case may be.

227. When the maximum or minimum temperature occurs exactly at 8 a. m. or 8 p. m., 75th meridian time, the thermograph correction for that hour will be determined from the reading of the dry thermometer only.

FORM No. 1030.

228. The mean temperature for the month will be obtained by dividing the sum of the mean maximum and mean minimum by 2 and will be entered at the foot of the column headed "Mean."

229. The pressure and precipitation will be recorded to hundredths; temperature to nearest whole degree, except in case of the monthly means at the foot of the first three columns, normal for this month, and the average daily excess or deficiency, which will be carried to tenths. The accumulated excess or deficiency since January 1 will be the same as that recorded on page 8, Form No. 1001.

230. The average daily excess or deficiency since January 1 will be obtained by dividing the accumulated amount on the date desired by the number of days since January 1, viz, if the accumulated excess on February 28 is 51, divide it by 59, the number of days since January 1, which gives +0.9 for the average daily excess.

231. When four copies or less are issued the form may be prepared by using carbon paper and a hard lead pencil. A copy will be furnished each of the local papers and to such persons as are authorized; one copy will also be forwarded to the Central Office on the first day of the succeeding month.

232. When used for the Pacific Coast the average and excess or deficiency of precipitation will be computed from September 1.

233. A blank column has been provided for sunshine, snowfall, or such other data as may be desired.

FORM No. 1083.

234. Form No. 1083 will be carried when taking an observation and the data entered immediately thereon.

Chart showing areas in and dates upon which the entries of frost in Forms Nos. 1001 and 1014—Met'l begin in the spring.

R
551.6977327
Un58
1911

Form No. 1001—Met'l. (1911 edition.)

U. S. DEPARTMENT OF AGRICULTURE,

WEATHER BUREAU.

ORIGINAL MONTHLY RECORD

OF

OBSERVATIONS

AT

LA SALLE, ILL.

For the Month of JAN 1911, *191*

* Station is supplied with a barograph, thermograph, sunshine recorder, and self-recording rain gage.

† No. of dry thermometer in use, ...; No. of wet thermometer in use, ...; No. of maximum thermometer in use, ...; No of minimum thermometer in use, ...

† Elevation above ground of the dry thermometer, ... feet; rain gage, ... feet; anemometer, ... feet.

If the office has been moved during the month, give date ..... —; amount of change in height of barometer, ... — feet (higher or lower).

No. of extra barometer, 600; sum of corrections, -.011; date and observation upon which use of station barometer commenced, 8:00 a.m. Nov. 19, 1904; station elevation, 536 feet; actual elevation, 536 feet.

Location of office: Number 221 Gooding street, rooms *210 & 211; first observation taken in present office, 8:00 a. m. November 19, 1904.

* Cancel words that are not appropriate. † To be entered only in December unless changes are made during the year. Changes made during the year will be noted in the appropriate months. 8—154

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at LA SALLE, ILL., for the Month of JAN 1911, 191

Number of Station barometer, 597; sum of corrections, -.002 inch.

OBSERVATIONS AT 8 A. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7.00 A. M. 90 MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7.04 A. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-reg. ther's. Max. (b)	Self-reg. ther's. Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 a. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.			Initials of observer.	Date
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.								
1	76.0	29.511	-.131	29.380	29.98	35.6	34.1	32	87	.150	40.0	28.8	SW	5			T	10	St	SW	Cloudy				1
2	66.0	29.516	-.105	29.411	30.01	5.8	5.0	1	80	.040	42.3	5.8	SW	26	34	SW	.02	10	St.cu	SW	Cloudy				2
3	81.0	29.979	-.147	29.832	30.45	-0.4	-1.0	-4	80	.031	11.1	-0.4	W	8			0	10	St.	W	Cloudy				3
4	76.0	29.814	-.132	29.682	30.30	3.8	3.0	-1	78	.036	8.2	-1.0	S	11			0	10	St.cu	SW	Cloudy				4
5	82.0	29.817	-.149	29.668	30.28	4.0	2.8	-4	67	.031	17.6	2.2	SW	2	26	W	0	10	St.	SW	Cloudy				5
6	78.0	29.705	-.138	29.567	30.18	7.8	7.0	4	81	.047	21.8	4.0	W	10			0	10	St.	W	Cloudy				6
7	76.0	29.502	-.131	29.371	29.97	28.0	26.8	25	86	.130	28.0	5.5	S	7			0	10	St.cu	SW	Cloudy				7
8	74.6	29.010	-.124	28.886	29.46	40.0	36.7	33	75	.187	45.0	25.0	W	14			.01	10	St.cu	W	Cloudy				8
9	76.5	29.962	-.135	29.827	30.44	8.6	8.0	6	86	.052	40.4	8.6	W	4			0	0	0	0	Clear				9
10	77.0	29.605	-.134	29.471	30.07	33.8	27.3	14	40	.077	33.8	8.6	S	12			0	4	cu.cu.	SW	Cloudy				10
11	90.5	29.397	-.169	29.228	29.81	48.6	47.1	46	90	.310	50.9	33.1	SW	3			.81	10	St.	SW	Cloudy				11
12	79.0	29.833	-.141	29.692	30.28	31.8	31.0	30	92	.164	48.8	29.9	NE	5			T	10	St.	NE	Cloudy				12
13	70.0	29.838	-.116	29.722	30.32	33.4	32.4	31	90	.177	36.6	31.8	NE	2			.81	10	St.	NE	Cloudy				13
14	74.0	29.702	-.127	29.575	30.18	30.0	28.9	27	88	.143	35.0	30.0	NW	5			.25	10	St.	W	Cloudy				14
15	66.0	29.600	-.106	29.674	30.24	9.0	8.4	6	86	.052	30.0	9.0	NW	10			0	10	St.cu	NW	Cloudy				15
16	77.5	30.184	-.139	30.045	30.66	10.5	8.9	2	66	.042	17.9 12.9	8.0	NE	5			0	10	a.St.	NW	Cloudy				16
17	82.5	29.961	-.151	29.810	30.42	20.0	19.4	19	94	.098	20.0	0.2	NE	7			.24	10	Nb.	NE	Lt. Snow				17
18	79.0	29.989	-.142	29.847	30.47	3.0	3.0	3	100	.044	24.0	0.8	NW	1			0	Dense	fog	0	Foggy				18
19	79.5	29.761	-.142	29.619	30.22	27.0	26.2	25	90	.130	27.4	3.0	W	12			0	10	St.	W	Cloudy				19
20	86.0	29.430	-.155	29.275	29.87	34.5	34.2	34	97	.196	35.0	29.0	S	10			T	10	Nb.	S	Snowing				20
21	82.0	29.623	-.147	29.37[illegible]	29.98	23.6	21.1	19	81	.098	39.5	23.6	NW	8			0	[illegible]	St.	NW	Cloudy				21
22	80.5	29.895	-.145	29.750	30.36	11.4	10.2	6	75	.052	23.6	11.4	NE	5			0	5	a.St	W	Cloudy				22
23	77.0	30.107	-.136	29.971	30.58	18.6	17.5	16	88	.085	23.9	11.4	SW	9			0	0	0	0	Clear				23
24	80.0	30.061	-.144	29.917	30.53	30.0	27.6	23	74	.118	39.0	18.3	SW	5			0	2	a.cu	SW	Clear				24
25	76.5	29.867	-.134	29.717	30.32	35.6	35.0	34	94	.195	38.8	28.4	E	5			.01	10	St.	E	Cloudy				25
26	79.5	29.590	-.141	29.449	30.04	42.6	42.4	42	95	.266	42.6	35.2	S	9			.25	10	St.	S	Cloudy				26
27	74.0	29.519	-.136	29.386	29.97	44.3	44.3	44	100	.287	52.0	42.6	NW	4			T	10 Lt	St fog.	NW	Cloudy				27
28	85.0	30.103	-.158	29.945	30.54	28.0	26.9	25	87	.130	44.3	25.0	W	4			0	1	St.cu	W	Clear				28
29	75.0	29.410	-.129	29.281	29.87	41.9	40.9	40	92	.247	41.9	27.4	SW	14			.02	10	St.	SW	Cloudy				29
30	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	NW	[illegible]	25	NW	[illegible]	[illegible]	[illegible]	[illegible]	Clear				30
31	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]	[illegible]	Cloudy				31
Sums		(a)	(a)	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	(a)	(a)	(a)	[illegible]	(a)	(a)	[illegible]	[illegible]	(a)	(a)	(a)			(a)	(a)
Means		(a)	(a)	29.590	30.191	23.9	22.5	19.5	82.6	.123	(a)	(a)	(c) SW	8.3	(a)	(a)	(a)	79	(c) St.	(c) SW	(a)			(a)	(a)

Reference letters in this form refer to paragraph 122, "Instructions for Preparing Meteorological Forms."

† By dial when self-register is out of order. †† T indicates trace of precipitation.

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ORIGINAL MONTHLY RECORD OF OBSERVATIONS at LASALLE ILL, for the Month of JAN 1911, 191

Number of Station barometer, 597; sum of corrections, -.005 inch.

OBSERVATIONS AT 8 P. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7.00 P. M. 90 MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7.04 P. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-reg. ther's. Max. (b)	Self-reg. ther's. Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 p. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.	Fog, Mid. to Mid. (local standard time). Light. (f)	Fog, Mid. to Mid. (local standard time). Dense. (f)	Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.								
1						39.6											.03								1
2																	T								2
3																	0								3
4																	.02								4
5																	.02								5
6																	T								6
7																	T								7
8																	T								8
9																	0								9
10																	0								10
11																	.17					B. 7:50 a E. 9:30 a			11
12						35.5											.01					B. 9:20 a E. 12:40 p			12
13						33.8											.67					B. 1:40 p E. 3:30 p			13
14																	T								14
15																	T								15
16																	0								16
17																	.25								17
18																	0						B. 10 m a E. 8:30 a		18
19																	0								19
20																	.01								20
21																	0								21
22																	0								22
23																	0								23
24																	T								24
25						38.5											T								25
26																	T					B. 4 p.			26
27																	T					E. 8 40 a			27
28																	0								28
29																	0								29
30																	0								30
31																	0								31
Sums		(a)	(a)								(a)	(a)	(a)		(a)	(a)	1.18	(a)	(a)	(a)	(a)	5	1	(a)	(a)
Means		(a)	(a)								(a)	(a)	(c)		(a)	(c)	(a)	(c)	(c)		(a)	(a)	(a)	(a)	(a)

Observations are begun about 7.40 o'clock, 75th meridian time.

† By dial when self-register is out of order. †† T indicates trace of precipitation.

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ORIGINAL MONTHLY RECORD OF OBSERVATIONS at LA SALLE, ILL., for the Month of JAN 1911, 191

Date.	Temperature. Maximum. (b)	Minimum. (b)	Range. (b)	Change. (b)	Mean. (Max. and Min.) (b)	Normal.	Departure.	Total excess or deficiency since 1st of month.	Precipitation. Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Total (Mid. to mid.). (b) ††	Normal.	Departure.	Total excess or deficiency since 1st of month.	Hail and sleet unmelted. 7 p.m. to 7 p.m. * ‡‡	Snow unmelted. 7 p.m. to 7 p.m. * ‡‡	Hail, sleet, and snow on ground at 7 p.m. * ‡‡	Amount of precipitation from melted snow (mid. to mid.).	Date
	°	°	°	°	°																In.				In.	In.	In.	In.	
Bund. 1	42	34	8	4	38	24	+14	+14													.04	.08	-.04	-.04		T	0	T	1
2	42	2	40	16	22	24	-2	+12													.01	.08	-.07	-.11		T	T	T	2
3	8	-1	9	18	4	24	-20	-8													0	.08	-.08	-.19		0	T		3
4	18	-1	19	4	8	24	-16	-24													.02	.08	-.06	-.25		0.2	0.2	.04	4
5	22	2	20	4	12	24	-12	-36													.02	.08	-.06	-.31		.02	0.4	.02	5
6	22	6	16	2	14	24	-10	-46													T	.08	-.08	-.39		T	0.3	T	6
7	46	11	35	14	28	24	+4	-42													T	.08	-.08	-.47		0	—		7
8	40	15	25	0	28	23	+5	-37													.01	.08	-.07	-.54		T	T	T	8
9	29	9	20	9	19	23	-4	-41													0	.07	-.07	-.61		0	T	0	9
10	51	26	25	12	38	23	+15	-26													0	.07	-.07	-.68		0	0	0	10
11	49	32	17	2	40	22	+18	-8													.18	.07	+.11	-.57		0	0	0	11
12	37	30	7	6	34	22	+12	+4													.02	.07	-.05	-.62		0	0	0	12
13	35	32	3	0	34	22	+12	+16													.81	.07	+.74	+.12		0	0	0	13
14	33	15	18	10	24	22	+2	+18													.11	.08	+.03	+.15		0	0	0	14
15	18	8	10	11	13	22	-9	+9													T	.08	-.08	+.07		T	0	T	15
16	19	10	9	1	14	21	-7	+2													*.14	.08	+.06	+.13		0	0	*.14	16
17	24	7	17	2	16	21	-5	-3													*.33	.08	+.27	+.40		4.8	14.0	*.35	17
18	26	1	25	2	14	21	-7	-10													0	.08	-.08	+.32		0	3.8	0	18
19	33	26	7	16	30	21	+9	-1													0	.08	-.08	+.24		0	3.3	0	19
20	40	33	7	6	36	21	+15	+14													.01	.08	-.07	+.17		0	3.3	0	20
21	31	17	17	10	26	21	+5	+19													0	.08	-.08	+.09		0	T	0	21
22	24	11	13	8	18	21	-3	+16													0	.08	-.08	+.01		0	T	0	22
23	37	15	21	10	28	21	+7	-23													0	.08	-.08	-.07		0	0	0	23
24	39	27	12	5	33	21	+12	-35													T	.08	-.08	-.15	T	0	0	0	24
25	41	35	6	5	38	21	+17	+51													0.3	.08	+.22	-.8		0	0		25
26	53	39	14	8	46	22	+24	+75													.01	.05	-.04	-.17		0	0	0	26
27	50	33	17	4	42	22	+20	+95													T	.04	-.04	-.21		0	0	0	27
28	37	27	10	16	32	22	+10	+105													T	.04	-.04	-.25		0	0	0	28
29	47	38	9	6	38	22	+16	+121													.02	.05	-.03	-.28		0	0	0	29
30	38	17	11	16	27	22	5	+136													0	.05	-.05	-.33		0	0	0	30
31	46	28	18	15	37	22	+15														0	.05	-.05	-.38		0	0	0	31
S.	1077	577	495	243	827	690	Total excess or deficiency since January 1, +136		(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	1.75	2.16	Total excess or deficiency since January 1, -0.38	T	5.9	(a)	(a)	(a)
M.	34.6	18.6	16.0	7.8	26.6	(a)			(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)		(a)	(a)	(a)	(a)	(a)	

All data are in the standard of time in local use. ‡ Use the following abbreviations: R—rain, Sl—dry snow, Sm—moist snow, H—hail, Sl—sleet. †† T indicates trace of precipitation. ‡‡ Enter the local standard time of observation. * Inches and tenths.

x Estimated.

SUMMARY FOR THE MONTH OF JAN 1911, 191

Data for pressure, dry and wet thermometers, dew-point, humidity, vapor pressure, and mean cloudiness are in 75th meridian time. All other data are in the standard of time in local use.

PRESSURE.

(Correction to reduce to a 24-hour mean -.008)

STATION. Mean. 8 a. m.	8 p. m.	Monthly. (g)	Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.	REDUCED. Mean. 8 a. m.	8 p. m.	Monthly. (g)	Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.
29.590	–	–	30.045	16"	28.886	8"	1.159	30.191	–	–	30.66	16"	29.46	8"	1.20
Corrected mean		29.582						Corrected mean		30.183	3,500-ft			10,000-ft	

TEMPERATURE.

MEAN. Dry. 8 a. m.	8 p. m.	(8+8)÷2 (g)	Wet. 8 a. m.	8 p. m.	Monthly. (g)	Max.	Min.	Monthly. (g)	Sea-level. (g)	3,500-ft. (g)	10,000-ft. (g)	Highest. (i)	Date. (i)	Lowest. (i)	Date. (i)	Absolute range.	Greatest daily range. (i)	Date. (i)	Least daily range. (i)	Date. (i)
23.9	–	–	22.5	–	–	34.6	18.6	26.6				53	26"	-1	3	54	40	9"	3	13"

Dew-point. 8 a. m.	8 p. m.	Monthly. (g)	Relative Humidity. 8 a. m.	8 p. m.	Monthly. (g)	Vapor Pressure. 8 a. m.	8 p. m.	Monthly. (g)	Number of days with—(j) Maximum. 32° or below.	90° or above.	Minimum. 32° or below.	Zero or below.
19.5	–	–	82.6	–	–	.123	–	–	11	0	26	2

WIND.

Total movement (mid. to mid.).	Average hourly velocity.	Prevailing direction. (p)	Maximum velocity. (r)	Direction. (r)	Date. (r)	Number of times wind observed from the— N.	NE.	E.	SE.	S.	SW.	W.	NW.	Calm.
6490	8.7	SW	39	NW	8"	0	5	1	1	5	7	6	6	0

WEATHER.

Mean Cloudiness. 8 a. m.	8 p. m.	Monthly. (t)	Sunshine. Percentage of possible.	Number of Days. Clear.	Partly cloudy.	Cloudy.	Number of Days with Precipitation (Mid. to Mid.). Clear. (u)	Partly cloudy. (u)	Cloudy. (u)
7.9	–	7.6	31	2	12	17	0	3	12

MISCELLANEOUS PHENOMENA.

Dates of—(Midnight to Midnight).

Frosts. Light.	Heavy.	Killing.	Thunderstorms. (v)	Winds. (40 miles or over.)	Solar Halos.	Lunar Halos.	Fog. Light.	Dense.	Haze. Light.	Dense.	Smoke. Light.	Dense.	Hail.	Aurora.
none recorded			none	none	none	7"	11,12,13 26,27	18"	none		none		none	none

PRECIPITATION (in inches and hundredths). (m)

Total amount.	Greatest amount in 24 consecutive hours. Am't.	Date. (k)	Excessive. 2.50 inches in 24 hours. (l) * Am't.	Duration. h. m.	Date. (k)	1 inch per hour. (l) Am't.	Duration. h. m.	Date. (k)	Number of days with—(Mid. to Mid.). Trace.	.01 or more.	.04 or more.	.25 or more.	1.00 or more.	Total.	Snow. Trace or more.	.01 or more melted.	Snow. Total depth. (o)	Average depth at end of month.
1.78	0.92	13-14"	–	none	–	–	none	–	6	15	6	2	0	21	9	4	5.2	0

(w) Maximum precipitation in 5 minutes .03, date 13"; 10 minutes .04, date 13"; 15 minutes .06, date 13";
30 minutes .09, date 13"; 1 hour .16, date 13"; 2 hours .29, date 13"

EXCESSIVE.

Date.	Total duration. From—	To—	Total am't of precipitation.	Excessive rate. Began—	Ended—	Am't before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
No Excessive rate of precipitation.																				

*The duration is the time precipitation was actually recorded.

8—154

Prepared by ✓ Ora Stadley, Observer, Weather Bureau.

(6)

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at [illegible], for the Month of JAN 1911, 191

Number of Station barometer, 597; sum of corrections, -.025 inch.

Date.	Special Observations. Time. 75th Mer.	Time. Local (standard).	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.)	Barometer. Reduced to sea-level.	Thermometers. Dry.	Thermometers. Wet.	Dew-point.	Depression of the dew-point.	Relative humidity.	Maximum thermometer.	Wind. Direction.	Wind. Velocity. †	Wind. Max. since last observation.	Wind. Direction.	Precipitation. ††	Clouds. Am't.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.	Special Phenomena.	Initials of Observer.	Date.
5	12:45	11:40	73.5	29.571	-.125	29.446	30.06	12.4	11.8	10	2	58	12.4	E	12	13	E	.02	10	St.	E	Cloudy	Halo	[illegible]	5
6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	-	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

If additional space is required, rule a sheet similar to this, and paste to this margin. † By dial when self-register is out of order. †† T indicates trace of precipitation.

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Form No. 1001—Met'l. (1911 edition.)

U. S. DEPARTMENT OF AGRICULTURE,

WEATHER BUREAU.

ORIGINAL MONTHLY RECORD

OF

OBSERVATIONS

AT

LA SALLE, ILL.

For the Month of FEB 1911, *191*

* Station is supplied with a barograph, thermograph, sunshine recorder, and self-recording rain gage.

† No. of dry thermometer in use, ...; No. of wet thermometer in use, ...; No. of maximum thermometer in use, ...; No of minimum thermometer in use, ...

† Elevation above ground of the dry thermometer, — feet; rain gage, ... feet; anemometer, ... feet.

If the office has been moved during the month, give date —; amount of change in height of barometer, — feet (higher or lower).

No. of extra barometer, 600; sum of corrections, -.011; date and observation upon which use of station barometer commenced, Since Nov. 19, 1904; station elevation, 536 feet; actual elevation, 536 feet.

Location of office: Number 221 Gooding street, rooms 210 & 211; first observation taken in present office, 8 a.m. 11/19/, 1904

* Cancel words that are not appropriate. † To be entered only in December unless changes are made during the year. Changes made during the year will be noted in the appropriate months. 8—154

LA SALLE, ILL. FEB 1911

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at _____, for the Month of _____, 191

Number of Station barometer, 597; sum of corrections, .005 inch.

OBSERVATIONS AT 8 A. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7 A. M. 90TH MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7.42 A. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-reg. ther's. Max. (b)	Self-reg. ther's. Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 a. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.		Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.							
1	79.0	29.408	-.139	29.269	29.85	35.0	33.4	31	85	.172	46.5	32.0	E	9			0	5	a.cu.	W	Pt. Cldy.			1
2	78.5	29.649	-.139	29.510	30.10	25.2	23.6	21	80	.108	49.5	25.2	NW	17	34	W	0	10	St. Cu.	NW	Cloudy			2
3	84.5	29.465	-.154	29.311	29.90	29.8	28.3	26	84	.136	30.1	25.2	SE	7			0	10	St.Cu.	SW	Cloudy			3
4	82.0	29.551	-.147	29.404	30.00	18.0	16.2	11	72	.066	36.2	18.0	W	17			0	few	A.St.	W	Clear			4
5	78.0	29.909	-.139	29.770	30.38	19.0	16.8	11	66	.066	34.6	17.0	NE	7			0	8	a.cu.	NW	Cloudy			5
6	76.0	29.283	-.130	29.153	29.74	24.8	24.3	24	94	.124	26.2	19.0	NE	14			.36	10	Nb.	NE	Misting.			6
7	75.0	29.721	-.138	29.583	30.18	5.0	5.2	4	90	.047	27.3	5.0	NE	14			0	1	ci St.	NW	Clear			7
8	73.0	29.770	-.124	29.646	30.25	20.0	20.0	20	100	.103	29.0	5.1	W	5			0	10 Lt	St fog	W? 0	Cloudy			8
9	52.0	29.588	-.067	29.521	30.12	24.6	23.1	20	81	.103	36.1	15.1	W	13			0	0	0	0	Clear			9
10	68.0	29.911	-.112	29.799	30.41	4.8	4.4	3	89	.044	27.5	4.8	W	8			0	0	0	0	Clear			10
11	73.0	29.744	-.124	29.620	30.22	27.5	25.0	20	70	.103	29.3	4.4	S	8			0	1	a.St.	SW	Clear			11
12	57.0	29.648	-.081	29.567	30.16	37.0	35.9	35	90	.203	45.0	27.5	SW	9			T	10	Nb.	SW	Lt. Rain.			12
13	81.0	29.456	-.145	29.311	29.89	37.2	36.6	36	94	.211	37.3	35.0	S	7			T	10	St.	S	Cldy.			13
14	84.0	29.013	-.150	28.863	29.43	48.5	47.0	46	90	.310	49.3	37.2	SW	9			.19	7	St.cu.	SW	Pt. Cldy.			14
15	86.0	29.740	-.159	29.581	30.17	36.5	35.0	32	87	.180	49.8	36.5	E	5			0	10	St.	E	Cloudy.			15
16	75.0	29.779	-.130	29.649	30.24	35.7	35.0	34	93	.195	40.2	34.0	NE	9			0	10	St.	E	Cloudy			16
17	77.0	29.730	-.135	29.595	30.18	50.0	49.0	48	93	.334	59.4	35.7	W	12			.06	10	St.	W	Cloudy			17
18	69.0	29.888	-.115	29.773	30.37	34.5	32.1	29	78	.157	50.0	33.3	N	7			.29	10	St.	N	Cloudy			18
19	46.0	29.733	-.051	29.682	30.28	29.0	26.6	22	73	.113	37.4	29.0	NE	15			T	10	St cu.	NE	Cloudy			19
20	72.0	29.710	-.122	29.588	30.19	21.5	19.8	16	76	.085	29.0	21.5	NW	12			.10	10	Nb.	NW	Lt. Snow			20
21	54.0	30.114	-.074	30.040	30.65	11.3	10.1	6	75	.052	28.9	11.3	NW	8			T	0	0	0	Clear.			21
22	81.5	29.983	-.148	29.835	30.45	20.6	20.0	18	91	.093	27.5	11.3	W	11			0	0	0	0	Clear			22
23	74.0	30.055	-.128	29.927	30.54	22.8	21.0	17	76	.084	37.2	20.6	NW	3			0	0	0	0	Clear			23
24	65.5	29.661	-.104	29.557	30.16	29.2	27.2	24	78	.124	42.4	22.2	W	13			0	1	a.St.	W	Clear			24
25	73.5	29.529	-.125	29.404	29.99	30.5	28.1	24	74	.124	48.0	24.2	SW	4			0	few	a.St.	SW	Clear			25
26	69.0	29.309	-.112	29.197	29.78	36.4	35.0	33	88	.187	46.9	30.5	SW	11	31	SW	.13	10	St.	SW	Cloudy			26
27	72.0	30.121	-.123	29.998	30.61	24.0	22.0	18	74	.093	43.0	24.0	N	9			0	few	a.cu	NW	Clear			27
28	76.5	30.277	-.136	30.141	30.75	22.0	19.1	11	60	.066	32.0	22.0	NW	11			0	10	a.St.	NW	Cloudy.			28
29																								29
30																								30
31																								31
Sums	(a)	(a)		872.294	894.40	[illegible]	719.5	[illegible]	[illegible]	[illegible]	(a)	(a)	(a)	264	(a)	(a)	[illegible]	[illegible]	(a)	(a)	(a)		(a)	(a)
Means	(a)	(a)		29.582	30.118	27.2	25.7	22.9	82.3	.132	(a)	(a)	(c) NW	9.4	(a)	(a)	(a)	5.3	(c) St.	(c) SW	(a)		(a)	(a)

Reference letters in this form refer to paragraph 122, "Instructions for Preparing Meteorological Forms."

† By dial when self-register is out of order. †† T indicates trace of precipitation.

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ORIGINAL MONTHLY RECORD OF OBSERVATIONS at _____, *for the Month of* _____, *191*

Number of Station barometer, 597; *sum of corrections,* -.005 *inch.*

OBSERVATIONS AT 8 P. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7 P. M. 90 MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7.04 P. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-reg. ther's. Max. (b)	Self-reg. ther's. Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 p. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.	Fog, Mid. to Mid. (local standard time). Light. (f)	Fog, Mid. to Mid. (local standard time). Dense. (f)	Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.								
1																	0								1
2																	0								2
3																	T								3
4																	0								4
5						24.4											.76								5
6																	T								6
7																	0					B. 10 a.			7
8																	0					E 10:00 a.			8
9																	T								9
10																	0								10
11																	0								11
12						36.0											.01					B. 5:20 p			12
13						41.5											0					E 5:30 p.			13
14																	0								14
15																	.02						B. 8.00 p		15
16						37.5											.23						E - - -		16
17																	0						B - - - E 6:30 a.		17
18						23.2											.01								18
19																	T								19
20																	0								20
21																	0								21
22																	0								22
23																	0								23
24																	0								24
25																	0								25
26																	0								26
27																	0								27
28																	0								28
29																									29
30																									30
31																									31
Sums		(a)	(a)								(a)	(a)	(a)		(a)	(a)	1.03		(a)	(a)	(a)	2	2	(a)	(a)
Means		(a)	(a)								(a)	(a)	(c)		(a)	(a)	(a)		(c)	(c)	(a)	(a)	(a)	(a)	(a)

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Observations are begun about 7.40 o'clock, 75th meridian time.

† By dial when self-register is out of order. †† T indicates trace of precipitation.

LA SALLE, ILL. FEB 1911

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at ....., for the Month of ....., 191

Date.	Temperature. Maximum. (b)	Minimum. (b)	Range. (b)	Change. (b)	Mean. (Max. and Min.) (b)	Normal.	Departure.	Total excess or deficiency since 1st of month.	Precipitation. Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Total (Mid. to mid.). (b) ††	Normal.	Departure.	Total excess or deficiency since 1st of month.	Hail and sleet unmelted. --p.m. to 7 p.m. * ‡‡	Snow unmelted. --p.m. to 7 p.m. * ‡‡	Hail, sleet, and snow on ground at 7 p.m. * ‡‡	Amount of precipitation from melted snow (mid. to mid.).	Date
	°	°	°	°	°																In.				In.	In.	In.	In.	
Wed. 1	50	32	18	4	41	22	+19	+19													0	.05	-.05	.05					1
2	35	25	10	11	30	22	+8	+27													0	.06	-.06	-.11		0	0	0	2
3	36	26	10	1	31	22	+9	+36													T	.07	-.07	-.18		T	0	T	3
4	35	17	18	5	26	23	+3	+39													0	.08	-.08	-.26		0	0	0	4
5	26	19	7	4	22	23	-1	+38													1.12	.08	+1.04	-.78		4.2	4.2	1.12	5
6	27	12	15	2	20	23	-3	+35													T	.09	-.09	+.69		2.0	5.5	T	6
7	29	5	24	3	17	23	-6	+29													0	.09	-.09	+.51					7
8	26	15	21	9	21	23	+3	+32													0	.09	-.09	+.51		0	5.3	0	8
9	28	12	16	6	20	23	-3	+29													T	.09	-.09	+.42		T	5.0	T	9
10	25	4	21	6	14	24	-10	+19													0	.09	-.09	+.33		0	4.8	0	10
11	45	21	24	19	33	24	+9	+28													0	.09	-.09	+.24		0	3.2	0	11
12	38	35	3	3	36	24	+12	+40													T	.10	-.10	+.14		0	1.8	0	12
13	46	35	11	4	40	24	+16	+56													.05	.10	-.05	+.09		0	0.8	0	13
14	50	38	12	4	44	24	+20	+76													.15	.10	+.05	+.14		0	0.2	0	14
15	40	35	5	6	38	25	+13	+89													0	.10	-.10	+.04		0	0	0	15
16	57	34	23	8	46	25	+21	+110													.08	.10	-.02	+.02		0	0	0	16
17	59	34	25	0	46	25	+21	+131													.47	.10	+.37	+.39		6	0	0	17
18	37	30	7	12	34	25	+9	+140													.05	.09	-.04	+.35		*0.2	0	*.05	18
19	30	22	8	8	26	26	0	+140													*.11	.09	+.02	+.37		0.1	0.1	*.11	19
20	29	20	9	2	24	26	-2	+138													*T	.09	-.09	+.28		0.9	0.4	*T	20
21	28	11	17	4	20	26	-6	+132													0	.09	-.09	+.19		T	3.2	0	21
22	37	21	16	9	29	27	+2	+134													0	.09	-.09	+.10		0	0.1	0	22
23	42	22	20	3	32	27	+5	+139													0	.09	-.09	+.01		0	T	0	23
24	48	29	19	6	38	28	+10	+149													0	.09	-.09	-.18		0	T	0	24
25	47	30	17	0	38	28	+10	+159													.10	.09	+.01	-.07		0	0	0	25
26	43	30	13	2	36	29	+7	+166													.03	.08	-.05	[illegible]		0	0	0	26
27	32	24	8	8	28	29	-1	+165													0	.08	-.08	-.20		0	0	0	27
28	27	22	5	4	24	30	-6	+159													0	.08	-.08	-.28		0	0	0	28
29																													29
30																													30
31																													31
S	1062	660	402	153	854	2150	Total excess or deficiency since January 1, +295		(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	2.16	2.61	Total excess or deficiency since January 1, -.06	0	7.4	(a)	(a)	(a)
M	37.9	23.6	14.4	5.5	30.7	(a)			(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)		(a)	(a)	(a)	(a)	(a)	

All data are in the standard of time in local use. ‡ Use the following abbreviations: R—rain, SN—dry snow, S—moist snow, H—hail, SH—sleet. †† T indicates trace of precipitation. ‡‡ Enter the local standard time of observation. * Inches and tenths.

A. [illegible]

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SUMMARY FOR THE MONTH OF _____, 191

Data for pressure, dry and wet thermometers, dew-point, humidity, vapor pressure, and mean cloudiness are in 75th meridian time. All other data are in the standard of time in local use.

PRESSURE.

(Correction to reduce to a 24-hour mean -.011)

STATION. Mean. 8 a. m.	8 p. m.	Monthly. (g)	Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.
29.582	–	–	30.141	28	28.863	14	1.278
Corrected mean		29.571					

REDUCED. Mean. 8 a. m.	8 p. m.	Monthly. (g)	Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.
30.178	–	–	30.75	28	29.43	14	1.32
Corrected mean		30.167	3,500-ft.			10,000-ft.	

TEMPERATURE.

Mean. Dry. 8 a. m.	8 p. m.	(8+8)÷2 (g)	Wet. 8 a. m.	8 p. m.	Monthly. (g)	Max.	Min.	Monthly. (g)	Sea-level. (g)	3,500-ft. (g)	10,000-ft. (g)	Highest. (i)	Date. (i)	Lowest. (i)	Date. (i)	Absolute range.	Greatest daily range. (i)	Date. (i)	Least daily range. (i)	Date. (i)
27.2	–	–	25.7	–	–	37.9	23.6	30.8	–	–	–	59	17	4	10	55 ~~49~~	25	17	3	12

Dew-point. 8 a. m.	8 p. m.	Monthly. (g)	Relative humidity. 8 a. m.	8 p. m.	Monthly. (g)	Vapor pressure. 8 a. m.	8 p. m.	Monthly. (g)	Number of days with—(j) Maximum. 32° or below.	90° or above.	Minimum. 32° or below.	Zero or below.
22.9	–	–	82 ~~85~~	–	–	.132	–	–	10	0	22	0

WIND.

Total movement (mid. to mid.).	Average hourly velocity.	Prevailing direction. (p)	Maximum velocity. (r)	Direction. (r)	Date. (r)	Number of times wind observed from the— N.	NE.	E.	SE.	S.	SW.	W.	NW.	Calm.
6411	9.5	W	34	W	2	2	5	2	1	2	4	7	5	0

WEATHER.

Mean cloudiness. 8 a. m.	8 p. m.	Monthly. (t)	Sunshine. Percentage of possible.	Number of days. Clear.	Partly cloudy.	Cloudy.	Number of days with precipitation (mid. to mid.). Clear. (u)	Partly cloudy. (u)	Cloudy. (u)
5.8	–	6.3	43	8	5	15	0	1	8

MISCELLANEOUS PHENOMENA.

Dates of—(midnight to midnight).

Frosts. Light.	Heavy.	Killing.	Thunderstorms. (v)	Winds. (40 miles or over.)	Solar halos.	Lunar halos.	Fog. Light.	Dense.	Haze. Light.	Dense.	Smoke. Light.	Dense.	Hail.	Aurora.
none recorded.			none	none	none		5.13	16.17	none		none		none	

PRECIPITATION (in inches and hundredths). (m)

Total amount.	Greatest amount in 24 consecutive hours. Am't.	Date. (k)	Excessive. 2.50 inches in 24 hours. (l) * Am't.	Duration. h. m.	Date. (k)	1 inch per hour. (l) Am't.	Duration. h. m.	Date. (k)	Number of days with—(mid. to mid.). Trace.	.01 or more.	.04 or more.	.25 or more.	1.00 or more.	Total.	Snow. Trace or more.	.01 or more melted.	Snow. Total depth. (o)	Average depth at end of month.
2.16	1.12	5	–	none	–	–	none	–	5	9	8	2	1	14	7	3	7.4	0

(w) Maximum precipitation in 5 minutes ---Ø---, date _____; 10 minutes ---Ø---, date _____; 15 minutes ---Ø---, date _____;
30 minutes ---Ø---, date _____; 1 hour ---Ø---, date _____; 2 hours ---Ø---, date _____

EXCESSIVE.

Date.	Total duration. From—	To—	Total am't of precipitation.	Excessive rate. Began—	Ended—	Am't before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
No excessive rate of precipitation.																				

Ø Not determined, being in form of snow on 5th.

*The duration is the time precipitation was actually recorded.

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Prepared by _____ O. M. Hadley, Obs., Weather Bureau.

(6)

LA SALLE ILL.

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at ....., *for the Month of* FEB 1911 ....., *191*

Number of Station barometer, 287 ; *sum of corrections,* -.005 *inch.*

Date.	Time. 75th Mer.	Time. Local (standard).	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.)	Barometer. Reduced to sea-level.	Thermometers. Dry.	Thermometers. Wet.	Dew-point.	Depression of the dew-point.	Relative humidity.	Maximum thermometer.	Wind. Direction.	Wind. Velocity. †	Wind. Max. since last observation.	Wind. Direction.	Precipitation. ††	Clouds. Am't.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.	Special Phenomena.	Initials of Observer.	Date.
1	2.00p	2.00p	70.0	29.117	-.129	28.988	29.57	47.3	44.3	41	6	79	47.3	E	14	[illegible]	E	T	7	Ci St.	W	Pt. Cldy	Hoar Frost	[illegible]	1

If additional space is required, rule a sheet similar to this, and paste to this margin. † By dial when self-register is out of order. †† T indicates trace of precipitation.

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Form No. 1001—Met'l. (1911 edition.)

U. S. DEPARTMENT OF AGRICULTURE,

WEATHER BUREAU.

ORIGINAL MONTHLY RECORD

OF

OBSERVATIONS

AT

LA SALLE, ILL.

MAR 1911

For the Month of ....., *191*

* Station is supplied with a barograph, thermograph, sunshine recorder, and self-recording rain gage.

† No. of dry thermometer in use, ...; No. of wet thermometer in use, ...; No. of maximum thermometer in use, ...; No of minimum thermometer in use, ...

† Elevation above ground of the dry thermometer, ... feet; rain gage, ... feet; anemometer, ... feet.

If the office has been moved during the month, give date ..... —; amount of change in height of barometer, ... — feet (higher or lower).

No. of extra barometer, 600; sum of corrections, -.011; date and observation upon which use of station barometer commenced, 8 a.m., Nov. 19, 1904; station elevation, 536 feet; actual elevation, 536 feet.

Location of office: Number 221, Gooding street, rooms 210 & 211; first observation taken in present office, 8.00 a m. Nov. 19, 1904.

* Cancel words that are not appropriate. † To be entered only in December unless changes are made during the year. Changes made during the year will be noted in the appropriate months. 8—154

LA SALLE, ILL.

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at ....., for the Month of MAR 1911, 191

Number of Station barometer, 597; sum of corrections, -.005 inch.

OBSERVATIONS AT 8 A. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7.00 A. M. 90 MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7.04 A. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-reg. ther's. Max. (b)	Self-reg. ther's. Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 a. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.		Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.							
1	74.0	29.680	-.127	29.553	30.15	23.7	21.2	15	67	.081	26.9	21.6	SW	13			0	1	A.cu.	W	Clear			1
2	56.0	29.437	-.078	29.359	29.96	29.8	27.2	23	72	.118	41.1	23.7	W	13			0	1	A.cu.	NW	Clear			2
3	66.0	29.477	-.105	29.372	29.96	33.0	30.0	25	71	.130	45.3	29.4	NE	6	25	SW	0	8	St.cu.	W	Cloudy			3
4	64.0	29.849	-.100	29.749	30.35	28.0	25.9	22	76	.113	44.6	28.0	NW	6			0	0	0	0	Clear			4
5	56.0	29.789	-.079	29.710	30.31	27.5	25.0	20	70	.103	36.5	27.5	SE	10			0	5	A.cu.	NW	Pt. Cldy.			5
6	55.0	29.766	-.076	29.690	30.29	33.3	31.9	30	86	.164	38.4	27.5	NE	13			T	10	St.	NE	Cloudy,			6
7	66.5	29.709	-.107	29.602	30.20	31.0	30.1	29	90	.157	38.8	31.0	NE	10			.06	10	Nb.	NE	Lt. Snow			7
8	56.0	29.793	-.079	29.714	30.30	31.0	30.0	29	89	.157	46.6	30.0	E	3			0	1	Ci. St.	NW	Clear			8
9	64.0	29.440	-.099	29.341	29.92	38.0	36.6	34	88	.195	49.6	31.0	E	2			0	8	Ci. St	W	Cloudy			9
10	67.0	29.663	-.108	29.555	30.14	35.0	34.0	33	91	.187	63.5	35.0	W	4			0	5	A. St	W	Pt. Cldy.			10
11	68.0	29.381	-.110	29.271	29.85	44.0	39.6	34	69	.195	50.8	35.0	SE	12			0	10	St	SE	Cloudy			11
12	69.0	29.543	-.113	29.430	30.01	38.6	38.0	37	95	.219	64.8	38.6	NE	25	32	NE	.55	10	Nb.	NE	Lt. Rain			12
13	53.0	30.043	-.071	29.972	30.58	25.8	24.3	22	82	.113	40.4	24.2	NE	5			0	0	0	0	Clear			13
14	67.0	29.767	-.108	29.659	30.25	25.0	25.0	25	100	.130	47.0	25.0	Calm	0			0	10	Fog	0	Clear			14
15	63.0	29.661	-.097	29.564	30.15	22.0	18.6	9	53	.060	54.0	22.0	NW	26	42	NW	0	1	A. St	NW	Clear			15
16	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	14.0	12.2	[illegible]	67	[illegible]	[illegible]	[illegible]	W	4			0	few	A. St	W	Clear			16
17	60.0	29.506	-.089	29.417	30.02	27.0	24.8	21	74	.108	32.0	14.0	SE	5			0	0	0	0	Clear			17
18	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	W	[illegible]	[illegible]	NW	[illegible]	[illegible]	St. cu.	W	Cloudy			18
19	59.0	29.384	-.086	29.298	29.88	38.0	33.6	27	64	.145	42.0	28.4	W	11			0	1	A.cu.	W	Pt. Cldy			19
20	63.0	29.520	-.097	29.423	30.01	39.3	35.3	30	68	.164	51.9	38.0	W	8			0	0	0	0	Clear			20
21	61.0	29.544	-.091	29.453	30.03	40.0	35.9	31	67	.179	62.8	37.5	SW	4			0	0	0	0	Clear.			21
22	65.0	29.372	-.101	29.271	29.83	45.8	42.3	39	75	.237	75.5	40.0	N	3			.17	5	A.cu.	NW	Pt. Cldy.			22
23	60.0	30.006	-.090	29.916	30.52	28.8	27.9	26	90	.136	52.1	27.8	N	9			0	0	0	0	Clear			23
24	61.0	30.050	-.093	29.957	30.56	27.9	25.4	21	71	.108	45.1	26.2	SE	3			0	0	0	0	Clear			24
25	67.5	29.737	-.096	29.641	30.23	32.1	29.1	24	69	.124	51.5	27.9	SE	3			0	0	0	0	Clear			25
26	68.0	29.401	-.110	29.291	29.86	48.6	48.0	47	95	.322	67.0	32.1	SE	13			.01	10	Nb.	S	Lt. Rain			26
27	63.5	29.107	-.077	29.010	29.59	30.0	29.2	28	91	.150	53.4	30.0	W	22	30	W	.05	10	St.	W	Cloudy			27
28	63.0	29.561	-.097	29.464	30.06	23.6	22.1	19	81	.098	30.5	23.3	E	5			0	0	0	0	Clear			28
29	57.0	29.023	-.080	28.943	29.52	31.2	30.8	30	96	.164	40.4	23.6	NW	6			T	10	St.	NW	Cloudy			29
30	[illegible]	29.126	-.093	29.033	29.61	32.0	30.4	30	89	.164	45.1	31.4	NW	16			T	7	St. cu.	NW	Pt. Cldy.			30
31	63.0	29.435	[illegible]	29.358	29.90	[illegible]	25.9	24	81	.127	51.0	16.0	W	2			0	1	A.cu.	W	Clear			31
Sums	(a)	(a)	(a)	914.591	932.87	[illegible]	796.1	[illegible]	[illegible]	[illegible]	(a)	(a)	(a)	[illegible]	(a)	(a)	1.54	26	(a)	(a)	(a)		(a)	(a)
Means	(a)	(a)	(a)	29.503	30.093	31.6	29.6	26.2	79.2	.145	(a)	(a)	(c) W	8.8	(a)	(a)	(a)	4.1	(c) A. cu.	(c) W	(a)		(a)	(a)

Reference letters in this form refer to paragraph 122, "Instructions for Preparing Meteorological Forms."

† By dial when self-register is out of order. †† T indicates trace of precipitation.

[illegible]

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ORIGINAL MONTHLY RECORD OF OBSERVATIONS at [illegible], for the Month of [illegible], 191

Number of Station barometer, 397; sum of corrections, -.005 inch.

OBSERVATIONS AT 8 P. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7.00 P. M. 90 MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7.14 P. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-reg. ther's. Max. (b)	Self-reg. ther's. Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 p. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.	Fog, Mid. to Mid. (local standard time). Light. (f)	Fog, Mid. to Mid. (local standard time). Dense. (f)	Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.								
1																	0								1
2																	0								2
3																	0								3
4																	0								4
5						38.4											T								5
6																	0								6
7																	.07								7
8																	0								8
9																	0								9
10																	0								10
11																	0								11
12																	.03								12
13																	0					8.30a.	9.15a.		13
14						47.7											[illegible]					[illegible]	[illegible]		14
15																	0								15
16						29.6					32.0	*14.0					0								16
17																	0								17
18																	0								18
19																	0								19
20																	0								20
21																	0								21
22																	0								22
23																	0								23
24																	0								24
25																	0								25
26						51.3											.31								26
27																	T								27
28																	0								28
29																	0.3								29
30																	T								30
31																									31
Sums		(a)	(a)								(a)	(a)	(a)		(a)	(a)	0.49		(a)	(a)	(a)	/	/	(a)	(a)
Means		(a)	(a)								(a)	(a)	(c)		(a)	(c)	(a)		(c)	(c)	(a)	(a)	(a)	(a)	(a)

Observations are begun about 7.40 o'clock, 75th meridian time.

† By dial when self-register is out of order. †† T indicates trace of precipitation.

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*Min. read & set, 7 p.m. as thermograph was not recording.
7.9 m. min 17" was 26.6

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at LA SALLE, Ill., for the Month of ....., 191

Date.	Temperature. Maximum. (b)	Minimum. (b)	Range. (b)	Change. (b)	Mean. (Max. and Min.) (b)	Normal.	Departure.	Total excess or deficiency since 1st of month.	Precipitation. Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Total (Mel. to mid.). (b) ††	Normal.	Departure.	Total excess or deficiency since 1st of month.	Hail and sleet unmelted. 7 a.m. * ‡‡	Snow unmelted. 7 a.m. * ‡‡	Hail, sleet, and snow on ground at 7 p.m. * ‡‡	Amount of precipitation from melted snow (mid. to mid.).	Date.
	°	°	°	°	°																In.				In.	In.	In.	In.	
1	41	24	17	8	32	30	+2	+2													0	.09	-.09	-.09		0	0	0	1
2	45	29	16	5	37	30	+7	+9													0	.09	-.09	-.18		0	0	0	2
3	45	33	12	2	39	31	+8	+17													0	.09	-.09	-.27		0	0	0	3
4	36	28	8	7	32	31	+1	+18													0	.09	-.09	-.36		0	0	0	4
5	38	28	10	1	33	32	+1	+19													T	.09	-.09	-.45		0	0	0	5
6	39	31	8	2	35	32	+3	+22													0	.09	-.09	-.54		0	0	0	6
7	47	31	16	4	39	32	+7	+29													.13	.09	+.04	-.50		.14	T	.13	7
8	50	30	20	1	40	33	+7	+36													0	.09	-.09	-.59		0	0	0	8
9	64	38	26	11	51	33	+18	+54													0	.08	-.08	-.67		0	0	0	9
10	51	35	16	8	43	34	+9	+63													0	.08	-.08	-.75		0	0	0	10
11	65	44	21	11	54	34	+20	+83													.07	.07	0	-.75		0	0	0	11
12	54	27	27	14	40	35	+5	+88													.56	.07	+.49	-.26	T	0.7	0.7	.08	12
13	47	24	23	4	36	35	+1	+89													0	.07	-.07	-.33		0	T	0	13
14	54	25	29	4	40	36	+4	+93													0	.07	-.07	-.40		0	0	0	14
15	35	15	20	15	25	36	-11	+82													0	.08	-.08	-.48		0	0	0	15
16	32	13	19	3	22	37	-15	+67													0	.08	-.08	-.56		0	0	0	16
17	51	27	24	12	39	37	+2	+69													0	.08	-.08	-.64		0	0	0	17
18	47	28	14	4	35	38	-3	+66													0	.08	-.08	-.72		0	0	0	18
19	52	32	20	7	42	38	+4	+70													0	.08	-.08	-.80		0	0	0	19
20	63	39	24	9	51	39	+12	+82													0	.09	-.09	-.89		0	0	0	20
21	76	38	38	6	57	39	+18	+100													0	.09	-.09	-.98		0	0	0	21
22	59	33	26	11	46	40	+6	+106													.12	.10	+.02	-.96		0	0	0	22
23	45	28	17	10	36	40	-4	+102													0	.11	-.11	-1.07		0	0	0	23
24	52	26	26	3	39	41	-2	+100													0	.11	-.11	-1.18		0	0	0	24
25	67	41	26	10	54	41	+8	+108													T	.11	-.11	-1.29		0	—	—	25
26	57	45	9	3	52	42	+10	+118													.35	.11	+.24	-1.05		0	0	0	26
27	57	24	28	14	38	42	-4	+114													.05	.11	-.06	-1.11		0.0	0.1	.05	27
28	41	23	18	6	33	42	-10	+104													T	.11	-.11	-1.22		0	0	0	28
29	45	30	15	6	38	43	-5	+99													.03	.11	-.08	-1.30		T	0	T	29
30	37	30	7	4	34	43	-9	+90													T	.11	-.11	-1.41		T	0	T	30
31	44	26	18	1	35	44	-9	+81													T	.10	-.10	-1.51		0	0	T	31
S	1526	792	1408	211	1221	1320	(a)	Total excess or deficiency since January 1, +3716	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	Total excess or deficiency since January 1, -1.51	(a)	(a)	(a)	(a)	(a)	(a)
M	49.2	25.6	19.6	6.8	39.4	(a)			(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)		(a)	(a)	(a)	(a)	(a)	(a)

All data are in the standard of time in local use. ‡ Use the following abbreviations: R—rain, S—dry snow, S—moist snow, H—hail, Sl—sleet. †† T indicates trace of precipitation. ‡‡ Enter the local standard time of observation. * Inches and tenths.

Weather Bureau Recording gauge not in use during month.

Blank means no snow on ground. Melted as it fell.

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SUMMARY FOR THE MONTH OF _____, 191

Data for pressure, dry and wet thermometers, dew-point, humidity, vapor pressure, and mean cloudiness are in 75th meridian time. All other data are in the standard of time in local use.

PRESSURE.

(Correction to reduce to a 24-hour mean -.018)

STATION. Mean. 8 a. m.	8 p. m.	Monthly. (g)	Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.	REDUCED. Mean. 8 a. m.	8 p. m.	Monthly. (g)	Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.
29.503	-	-	29.972	13"	28.943	29"	1.029	30.093	-	-	30.58	13"	29.52	29"	1.06
Corrected mean		29.485						Corrected mean		30.075	3,500-ft.			10,000-ft.	

TEMPERATURE.

Mean. Dry. 8 a. m.	8 p. m.	(8+8)÷2 (g)	Wet. 8 a. m.	8 p. m.	Monthly. (g)	Max.	Min.	Monthly. (g)	Sea-level. (g)	3,500-ft. (g)	10,000-ft. (g)	Highest. (i)	Date. (i)	Lowest. (i)	Date. (i)	Absolute range.	Greatest daily range. (i)	Date. (i)	Least daily range. (i)	Date. (i)
31.6	-	-	29.6	-	-	49.2	29.6	39.4				76	21"	13	16"	63	38	21"	7	30"

Dew-point. 8 a. m.	8 p. m.	Monthly. (g)	Relative Humidity. 8 a. m.	8 p. m.	Monthly. (g)	Vapor Pressure. 8 a. m.	8 p. m.	Monthly. (g)	Number of days with—(j) Maximum. 32° or below.	90° or above.	Minimum. 32° or below.	Zero or below.
26.2	-	-	79.2	-	-	.145	-	-	1	0	23	0

WIND.

Total movement (mid. to mid.).	Average hourly velocity.	Prevailing direction. (p)	Maximum velocity. (r)	Direction. (r)	Date. (r)	Number of times wind observed from the— N.	NE.	E.	SE.	S.	SW.	W.	NW.	Calm.
7483	10.1	W	42	NW	15	3	5	3	6	0	2	7	4	1

WEATHER.

Mean Cloudiness. 8 a. m.	8 p. m.	Monthly. (t)	Sunshine. Percentage of possible.	Number of Days. Clear.	Partly cloudy.	Cloudy.	Number of Days with Precipitation (Mid. to Mid.). Clear. (u)	Partly cloudy. (u)	Cloudy. (u)
4.1	-	4.8	-	12	10	9	1	2	4

MISCELLANEOUS PHENOMENA.

Dates of—(Midnight to Midnight).

Frosts. Light.	Heavy.	Killing.	Thunderstorms. (v)	Winds. (40 miles or over.)	Solar Halos.	Lunar Halos.	Fog. Light.	Dense.	Haze. Light.	Dense.	Smoke. Light.	Dense.	Hail.	Aurora.
none recorded			12"	15"	none		14	14	17	none	none		none	

PRECIPITATION (in inches and hundredths). (m)

Total amount.	Greatest amount in 24 consecutive hours. Am't.	Date. (k)	Excessive. 2.50 inches in 24 hours. (l) * Am't.	Duration. h. m.	Date. (k)	1 inch per hour. (l) Am't.	Duration. h. m.	Date. (k)	Number of days with—(Mid. to Mid.). Trace.	.01 or more.	.04 or more.	.25 or more.	1.00 or more.	Total.	Snow. Trace or more.	.01 or more melted.	Snow. Total depth. (o)	Average depth at end of month.
1.31	0.63	11 & 12	—	none	—	—	none	—	4	7	6	2	0	11	6	3	2.2	0

(w) Maximum precipitation in 5 minutes .03, date 12"; 10 minutes .06, date 12"; 15 minutes .07, date 12";
30 minutes .08, date 12"; 1 hour .13 .10, date 12"; 2 hours .19, date 12"

EXCESSIVE.

Date.	Total duration. From—	To—	Total am't of precipitation.	Excessive rate. Began—	Ended—	Am't before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
No excessive rate of precipitation.																				

*The duration is the time precipitation was actually recorded.

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Prepared by _____ O. M. Hadley, Observer, Weather Bureau.

(6)

LA SALLE, ILL. MAR 1911

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at ....., *for the Month of* ....., *191*

Number of Station barometer, 597 ; *sum of corrections,* .005 *inch.*

Date.	Time.		Barometer.					Thermometers.		Dew-point.	Depression of the dew-point.	Relative humidity.	Maximum thermometer.	Wind.				Precipitation. ††	Clouds.			State of Weather.	Special Phenomena.	Initials of Observer.	Date.
	75th Mer.	Local (standard).	Attached thermometer.	Observed reading.	Total correction.	Station. (Observed reading plus total cor.)	Reduced to sea-level.	Dry.	Wet.					Direction.	Velocity. †	Max. since last observation.	Direction.		Am't.	Kind.	Dir. from.				

SPECIAL OBSERVATIONS.

If additional space is required, rule a sheet similar to this, and paste to this margin. † By dial when self-register is out of order. †† T indicates trace of precipitation. 8—154

Form No. 1001—Met'l. (1911 edition.)

U. S. DEPARTMENT OF AGRICULTURE,

WEATHER BUREAU.

ORIGINAL MONTHLY RECORD

OF

OBSERVATIONS

AT

LA SALLE, ILL.

For the Month of APR 1911, *191*

* Station is supplied with a barograph, thermograph, sunshine recorder, and self-recording rain gage.

† No. of dry thermometer in use, ...; No. of wet thermometer in use, ...; No. of maximum thermometer in use, ...; No of minimum thermometer in use, ...

† Elevation above ground of the dry thermometer, ... feet; rain gage, ... feet; anemometer, ... feet.

If the office has been moved during the month, give date ....; amount of change in height of barometer, ... feet (higher or lower).

No. of extra barometer, 600; sum of corrections, -.011; date and observation upon which use of station barometer commenced, 8 a.m. Nov. 19 1904; station elevation, 536 feet; actual elevation, 536 feet.

Location of office: Number 221 Gooding street, rooms 210 & 211; first observation taken in present office, 8:00 a.m. Nov. 19, 1904.

* Cancel words that are not appropriate. † To be entered only in December unless changes are made during the year. Changes made during the year will be noted in the appropriate months. 8—154

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at LASALLE, ILL., for the Month of ....., 191

Number of Station barometer, 547; sum of corrections, -.065 inch.

OBSERVATIONS AT 8 A. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7 A. M. 06 MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7.04 A. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Observed reading.	Total correction.	Station. (Observed reading plus total cor.) (b)	Reduced to sea-level. (b)	Thermometers. Dry. (b)	Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-register's. Max. (b)	Min. (b)	Wind. Dir.	Velocity. (b) †	Max. during preceding 12 hours.	Dir.	Precipitation. Amt. at 8 a. m. (b) ††	Clouds. Amt.	Kind.	Dir. from.	State of Weather.		Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.							
1	76.0	29.727	-.132	29.595	30.20	25.0	23.0	19	75	.098	44.0	23.1	N	5			T	few	St. cu	NW	Clear			1
2	59.0	29.637	-.087	29.550	30.15	32.2	30.2	27	79	.143	40.7	25.0	NE	8			0	10	A. St	0?	Cloudy			2
3	[illegible]	[illegible]	[illegible]	[illegible]	30.16	30.6	30.1	30	[illegible]	.164	33.7	30.0	NE	15	35	NE	T	10	Nb	NE	Misting			3
4	55.0	29.265	-.075	29.190	29.78	35.0	34.4	34	94	.195	35.2	30.3	NE	12			.37	10	Nb	NE	Lt. Rain			4
5	55.0	29.090	-.082	29.008	29.59	35.8	34.3	32	87	.180	38.2	34.6	W	18			.35	10	St.	W	Cloudy			5
6	62.0	28.977	-.093	28.884	29.45	42.0	41.1	40	93	.247	43.0	35.8	E	8			0	10	St.	E	Cloudy			6
7	69.0	29.743	-.114	29.629	30.22	29.1	28.1	26	89	.136	43.6	27.9	NW	4			0	0	0	0	Clear			7
8	61.0	29.764	-.092	29.697	30.29	32.0	30.0	27	79	.143	46.0	29.1	N	5			0	10	A. St.	N	Cloudy			8
9	65.0	30.077	-.104	29.973	30.57	35.0	33.7	32	88	.180	44.4	32.0	NE	4			0	0	0	0	Clear			9
10	[illegible]	[illegible]	[illegible]	[illegible]	30.51	[illegible]	35.0	31	[illegible]	[illegible]	[illegible]	35.0	SE	5			[illegible]	1	Cu St	N	[illegible]			10
11	[illegible]	[illegible]	[illegible]	[illegible]	30.15	[illegible]	49.0	35	61	.203	55.0	35.4	SE	13			0	10	St. Cu	SE	Cloudy			11
12	68.5	29.458	-.111	29.347	29.97	48.4	47.9	47	96	.329	62.9	47.6	E	1			.16	10 Lt	St. fog	E	Cloudy			12
13	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	54	[illegible]	[illegible]	[illegible]	48.4	S	12	25	SE	.24	9	St. Cu.	SW	[illegible]			13
14	69.0	29.799	-.114	29.685	30.26	37.1	35.0	32	89	.180	66.9	37.1	NW	13			0	7	A. cu.	NW	Sl. Cloudy			14
15	73.0	29.849	-.124	29.718	30.30	40.3	36.8	32	72	.180	53.5	37.0	W	8			0	0	0	0	Clear			15
16	71.0	29.691	-.119	29.572	30.15	41.2	37.0	32	68	.180	54.9	37.2	W	8			0	1	A. cu.	NW	Clear			16
17	67.5	29.667	-.110	29.557	30.14	36.6	35.9	35	93	.203	63.1	33.9	NE	9			0	0	0	0	Clear			17
18	[illegible]	29.500	-.105	29.395	29.98	51.0	48.0	[illegible]	81	.298	65.9	[illegible]	SW	[illegible]			[illegible]	[illegible]	St.	SW	[illegible]			18
19	70.0	29.167	-.114	29.053	29.61	53.0	51.7	50	92	.360	63.5	51.0	SE	3			.02	10	Nb.	S	Lt. Rain			19
20	71.0	29.661	-.119	29.542	30.12	46.6	45.6	45	93	.298	55.4	44.2	N	7			T	0	0	0	Clear			20
21	71.0	29.575	-.118	29.457	30.03	47.8	46.3	45	90	.298	67.3	45.0	NW	9			.01	1	A. cu.	NW	Clear			21
22	80.0	29.749	-.143	29.606	30.19	39.6	37.1	34	80	.195	64.0	36.0	N	12			0	0	0	0	Clear			22
23	74.5	29.983	-.129	29.854	30.45	39.5	37.4	34	53	.195	55.4	34.0	NE	8			0	Few	St. cu.	NE	Clear			23
24	64.0	30.104	-.101	30.003	30.60	39.0	35.0	29	68	.157	54.8	32.0	NE	6			0	0	0	0	Clear			24
25	59.0	29.967	-.088	29.874	30.46	40.0	36.0	31	68	.172	58.0	35.9	NE	5			0	0	0	0	Clear			25
26	62.5	29.805	-.096	29.709	30.29	45.0	41.0	36	71	.211	64.9	40.0	E	5			0	1	Ci.	W	Clear			26
27	67.0	29.784	-.108	29.681	30.25	53.6	48.0	42	66	.266	72.0	45.0	SE	5			0	9	St. cu	SW	Cloudy			27
28	66.0	29.664	-.105	29.559	30.13	54.9	54.1	53	95	.402	68.3	53.6	SE	10			.25	10	Nb.	SE	Lt. rain			28
29	66.0	29.511	-.105	29.406	29.98	53.0	52.8	53	99	.407	67.9	51.4	E	4			.08	10	St.	SE	Cloudy.			29
30	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	55.5	[illegible]	[illegible]	.432	[illegible]	53.0	NE	[illegible]			[illegible]	[illegible]	St. fog	[illegible]	Cloudy.			30
31																								31
Sums	(a)	(a)		885.910	903.38	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	(a)	(a)	(a)	235	(a)	(a)	1.57	160	(a)	(a)	(a)		(a)	(a)
Means	(a)	(a)		29.530	30.13	42.1	39.7	37.7	83.1	.334	(a)	(a)	NE	7.8	(a)	(a)	(a)	5.3	St.	[illegible]	(a)		(a)	(a)

Reference letters in this form refer to paragraph 122, "Instructions for Preparing Meteorological Forms."

† By dial when self-register is out of order. †† T indicates trace of precipitation.

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ORIGINAL MONTHLY RECORD OF OBSERVATIONS at LAFAYETTE, for the Month of APRIL, 191

Number of Station barometer, 597; sum of corrections, −.005 inch.

OBSERVATIONS AT 8 P. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7 P. M. 90 MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7.04 P. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-reg. ther's. Max. (b)	Self-reg. ther's. Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 p. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.	Fog, Mid. to Mid. (local standard time). Light. (f)	Fog, Mid. to Mid. (local standard time). Dense. (f)	Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.								
1																	0								1
2																	.56								2
3																	T								3
4						37.9											.16								4
5																	0								5
6																	T								6
7																	0								7
8																	T								8
9																	0								9
10																	0								10
11						49.5											.07								11
12																	0					B 10 a E 8.30 a			12
13						52.0											.22								13
14																	0								14
15																	0								15
16																	0								16
17																	0								17
18						55.0											T								18
19																	.23								19
20																	0								20
21																	T								21
22																	0								22
23																	0								23
24																	0								24
25																	0								25
26																	0								26
27						56.6											T								27
28																	.06								28
29																	.21								29
30																						B. 6.00 a E. [illegible]			30
31																									31
Sums		(a)	(a)								(a)	(a)	(a)		(a)	(a)	1.66		(a)	(a)	(a)	2		(a)	(a)
Means		(a)	(a)								(a)	(a)	(c)		(a)	(a)	(a)		(c)	(c)	(a)	(a)	(a)	(a)	(a)

Observations are begun about 7.40 o'clock, 75th meridian time.

† By dial when self-register is out of order. †† T indicates trace of precipitation.

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ORIGINAL MONTHLY RECORD OF OBSERVATIONS at LASALLE ILL., for the Month of APR 1911, 191

Date.	Temperature. Maximum. (b)	Minimum. (b)	Range. (b)	Change. (b)	Mean. (Max. and Min.) (b)	Normal.	Departure.	Total excess or deficiency since 1st of month.	Precipitation. Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Total (Mid. to mid.). (b) ‡‡	Normal.	Departure.	Total excess or deficiency since 1st of month.	Hail and sleet unmelted. 7 p.m. * ‡‡	Snow unmelted. 7 p.m. * ‡‡	Hail, sleet, and snow on ground at 7 p.m. * ‡‡	Amount of precipitation from melted snow (mid. to mid.).	Date.
	°	°	°	°	°																In.				In.	In.	In.	In.	
1	41	23	18	3	32	44	-12	-12													0	.09	-.09	-.09		T	0	0	1
2	34	29	5	0	32	45	-13	-25													.56	.09	+.47	+.38		40	3.0	.56	2
3	35	31	4	01	33	45	-12	-37													.11	.09	+.02	+.40	T	0	0	0	3
4	38	33	5	43	36	46	-10	-47													.77	.09	+.68	+1.08		0	T	0	4
5	43	35	8	3	39	46	-7	-54													0	.09	-.09						5
6	44	30	14	2	37	46	-9	-63													T	.09	-.09	+.70		0	0	0	6
7	46	28	18	0	37	47	-10	-73													0	.09	-.09	+.51		0	0	0	7
8	44	30	14	0	37	47	-10	-83													T	.09	-.09	+.42		T	0	T	8
9	53	34	19	7	44	47	-3	-86													0	.09	-.09	+.63		0	0	0	9
10	58	35	23	7	46	48	-2	-88													0	.09	-.09	+.54		0	0	0	10
11	63	43	20	7	53	48	+5	-83													.17	.10	+.07	+.61		0	0	0	11
12	62	48	14	2	55	49	+6	-77													.04	.10	-.06	+.53		0	0	0	12
13	67	45	22	1	56	49	+7	-70													.43	.10	+.33	+.86		0			13
14	54	37	17	10	46	49	-3	-73													0	.10	-.10	+.78		0	0	0	14
15	55	37	18	0	46	50	-4	-77													0	.10	-.10	+.68		0	0	0	15
16	63	37	26	4	50	50	±0	-77													0	.10	-.10	+.58		0	0	0	16
17	68	34	34	1	51	50	+1	-76													0	.10	-.10	+.48		0	0	0	17
18	64	48	16	5	56	51	+5	-71													T	.11	-.11	+.37		0	0	0	18
19	56	51	5	2	54	51	+3	-68													.25	.11	+.14	+.51		0	0	0	19
20	67	44	23	2	56	52	+4	-64													.01	.11	-.10	+.41		0	0	0	20
21	64	42	22	3	53	52	+1	-63													T	.11	-.11	+.30		0	0	0	21
22	55	36	19	7	46	52	-6	-69													0	.11	-.11	+.19		0	0	0	22
23	55	34	21	2	44	52	-8	-78													0	.11	-.11	+.08		0	0	0	23
24	58	32	26	1	45	53	-8	-86													0	.12	-.12	-.04		0	0	0	24
25	65	36	29	5	50	53	-3	-89													0	.12	-.12	-.16		0	0	0	25
26	72	40	32	6	56	54	+2	-87													0								26
27	68	52	16	4	60	54	+6	-81													.61								27
28	63	54	9	2	58	54	+4	-77													2.8								28
29	71	51	20	3	61	55	+6	-71													.94		+.17						29
30	63	51	12	4	57			-64																					30
31																													31
S	1689	1160	529	79	1426		Total excess or deficiency since January 1,		(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	3.37	3.10	Total excess or deficiency since January 1,	T	40	(a)	(a)	(a)
M	56.3	38.7	17.6	3.1	47.5	(a)			(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	-1.90	(a)	(a)	(a)	(a)	(a)	

All data are in the standard of time in local use. ‡ Use the following abbreviations: R—rain, SD—dry snow, SM—moist snow, H—hail, SL—sleet. ‡‡ T indicates trace of precipitation. ‡‡ Enter the local standard time of observation. * Inches and tenths.

+ 3.06

Rs Remarks.

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SUMMARY FOR THE MONTH OF APR 1911, 191

Data for pressure, dry and wet thermometers, dew-point, humidity, vapor pressure, and mean cloudiness are in 75th meridian time. All other data are in the standard of time in local use.

PRESSURE.

(Correction to reduce to a 24-hour mean -0.02)

STATION. Mean. 8 a. m.	8 p. m.	Monthly. (g)	Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.	REDUCED. Mean. 8 a. m.	8 p. m.	Monthly. (g)	Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.
29.530	✓	✓	30.003	24	28.884	6	1.119	30.113	✓	✓	30.60	24	29.45	6	1.15
Corrected mean		29.510						Corrected mean		30.093	3,500-ft		✓	10,000-ft	✓

TEMPERATURE.

MEAN. Dry. 8 a. m.	8 p. m.	(8+8)÷2 (g)	Wet. 8 a. m.	8 p. m.	Monthly. (g)	Max.	Min.	Monthly. (g)	Sea-level. (g)	3,500-ft. (g)	10,000-ft. (g)	Highest. (i)	Date. (i)	Lowest. (i)	Date. (i)	Absolute range.	Greatest daily range. (i)	Date. (i)	Least daily range. (i)	Date. (i)
42.1	✓	✓	39.9	✓	✓	56.3	~~38.7~~ 38.6	~~47.5~~ 47.2	✓	✓	✓	72	26	23	1	49	34	17	~~4~~ 7	~~3~~ 3

Dew-point. 8 a. m.	8 p. m.	Monthly. (g)	Relative humidity. 8 a. m.	8 p. m.	Monthly. (g)	Vapor pressure. 8 a. m.	8 p. m.	Monthly. (g)	Number of days with—(j) Maximum. 32° or below.	90° or above.	Minimum. 32° or below.	Zero or below.
37.2	✓	✓	83.1	✓	✓	.234	✓	✓	0	0	7	

WIND.

Total movement (mid. to mid.).	Average hourly velocity.	Prevailing direction. (p)	Maximum velocity. (r)	Direction. (r)	Date. (r)	Number of times wind observed from the— N.	NE.	E.	SE.	S.	SW.	W.	NW.	Calm.
6486	9.6	NE	34	W	15	4	9	4	5	1	1	3	3	0

WEATHER.

Mean Cloudiness. 8 a. m.	8 p. m.	Monthly. (t)	Sunshine. Percentage of possible.	Number of Days. Clear.	Partly cloudy.	Cloudy.	Number of Days with Precipitation (Mid. to Mid.). Clear. (u)	Partly cloudy. (u)	Cloudy. (u)
5.3	✓	6.3	54	10	4	16	1	0	11

MISCELLANEOUS PHENOMENA.

Dates of—(Midnight to Midnight).

Frosts. Light.	Heavy.	Killing.	Thunderstorms. (v)	Winds. (40 miles or over.)	Solar Halos.	Lunar Halos.	Fog. Light.	Dense.	Haze. Light.	Dense.	Smoke. Light.	Dense.	Hail.	Aurora.
16, 22, 25	17, 23	24	4, 12, 13, 19, 29	none	26,	1	12, 30	none	←	none	→		0	0

PRECIPITATION (in inches and hundredths). (m)

Total amount.	Greatest amount in 24 consecutive hours. Am't.	Date. (k)	Excessive. 2.50 inches in 24 hours. (l) * Am't.	Duration. h. m.	Date. (k)	1 inch per hour. (l) Am't.	Duration. h. m.	Date. (k)	Number of days with—(Mid. to Mid.). Trace.	.01 or more.	.04 or more.	.25 or more.	1.00 or more.	Total.	Snow. Trace or more.	.01 or more melted.	Snow. Total depth. (o)	Average depth at end of month.
3.37	0.81	3rd 4th	— none —	—	—	none			4	12	11	7	none	16	2	1	4.0	0

(w) Maximum precipitation in 5 minutes .10, date 13; 10 minutes .12, date 13th; 15 minutes .13, date 13th;
30 minutes .16, date 29th; 1 hour .20, date 29th; 2 hours .26, date 4th

EXCESSIVE.

Date.	Total duration. From—	To—	Total am't of precipitation.	Excessive rate. Began—	Ended—	Am't before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
no excessive rate during the month																				

*The duration is the time precipitation was actually recorded.

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Prepared by Omstadley, 1st to 30th incl. Harley E. Styre, Asst Obs., Weather Bureau.

(6)

LA SALLE, ILL. APR 1911

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at ....., *for the Month of* ....., *191*

Number of Station barometer, 597 ; *sum of corrections,* −.003 *inch.*

Date.	Time.		Barometer.					Thermometers.		Dew-point.	Depression of the dew-point.	Relative humidity.	Maximum thermometer.	Wind.				Precipitation. ††	Clouds.			State of Weather.	Special Phenomena.	Initials of Observer.	Date.
	75th Mer.	Local (standard).	Attached thermometer.	Observed reading.	Total correction.	Station. (Observed reading plus total cor.)	Reduced to sea-level.	Dry.	Wet.					Direction.	Velocity. †	Max. since last observation.	Direction.		Am't.	Kind.	Dir. from.				

If additional space is required, rule a sheet similar to this, and paste to this margin. † By dial when self-register is out of order. †† T indicates trace of precipitation.

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Form No. 1001—Met'l. (1911 edition.)

U. S. DEPARTMENT OF AGRICULTURE,

WEATHER BUREAU.

ORIGINAL MONTHLY RECORD

OF

OBSERVATIONS

AT

LA SALLE, ILL.

For the Month of MAY 1911, *191*

* Station is supplied with a barograph, thermograph, sunshine recorder, and self-recording rain gage.

† No. of dry thermometer in use, ...; No. of wet thermometer in use, ...; No. of maximum thermometer in use, ...; No of minimum thermometer in use, ...

† Elevation above ground of the dry thermometer, ... feet; rain gage, ... feet; anemometer, ... feet.

If the office has been moved during the month, give date ....; amount of change in height of barometer, ... feet (higher or lower).

No. of extra barometer, 600; sum of corrections, -.011; date and observation upon which use of station barometer commenced, 8.00 am., November 19, 1904; station elevation, 536 feet; actual elevation, 536 feet.

Location of office: Number 221 Gooding street, room ~~8~~ 2104 211, ...; first observation taken in present office, 8:00 a. m. November 19, 1904

* Cancel words that are not appropriate. † To be entered only in December unless changes are made during the year. Changes made during the year will be noted in the appropriate months. 8—154

LA SALLE, ILL.

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at ....., for the Month of MAY 1911, 191

Number of Station barometer, 597; sum of corrections, -.005 inch.

OBSERVATIONS AT 8 A. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7 A. M. 90 MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7.04 A. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Observed reading.	Total correction.	Station. (Observed reading plus total cor.) (b)	Reduced to sea-level. (b)	Thermometers. Dry. (b)	Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-reg. ther's. Max. (b)	Min. (b)	Wind. Dir.	Velocity. (b) †	Max. during preceding 12 hours.	Dir.	Precipitation. Amt. at 8 a. m. (b) ††	Clouds. Amt.	Kind.	Dir. from.	State of Weather.			Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.								
1	64.5	29.037	-.099	28.938	29.51	44.5	44.2	44	98	.287	62.9	44.5	NE	3			.24	10	N-b	N	Lr Rain			O.M.H.	1
2	66.5	29.715	-.107	29.608	30.20	36.8	34.3	31	79	.172	46.8	32.5	W	5			0	0	0	0	Clear			O.M.H.	2
3	57.0	29.747	-.081	29.666	30.26	39.2	36.2	32	76	.180	53.8	35.0	W	2			0	7	ci st	NW	Pt Cldy			H.E.H.	3
4	60.0	29.823	-.090	29.733	30.31	41.0	38.1	34	78	.195	59.0	35.4	N	1			0	0	0	0	Clear			H.E.H.	4
5	62.0	29.954	-.096	29.858	30.45	41.8	38.2	34	72	.195	63.8	38.8	W	1			0	0	0	0	Clear			H.E.H.	5
6	67.0	29.940	-.109	29.831	30.42	48.2	45.1	42	79	.266	68.6	41.4	0	0			0	Few	ci st	0?	Clear			H.E.H.	6
7	69.0	29.884	-.115	29.769	30.35	53.0	46.0	39	58	.237	71.8	48.2	SE	2			0	0	0	0	Clear			H.E.H.	7
8	70.0	29.701	-.116	29.585	30.15	60.0	50.9	43	53	.277	77.8	53.0	SW	1			0	9	St cu	SW	Cloudy			H.E.H.	8
9	73.5	29.446	-.125	29.321	29.88	60.8	58.1	56	85	.448	81.2	55.8	W	1			0	1	ci st	0?	Clear			H.E.H.	9
10	81.0	29.273	-.144	29.129	29.69	67.2	60.1	56	67	.448	88.0	60.8	SW	10			0	0	0	0	Clear			H.E.H.	10
11	80.0	29.324	-.141	29.183	29.74	59.0	51.3	45	59	.298	87.0	58.4	W	14	30	SW	0	2	ci	W	Clear			H.E.H.	11
12	73.0	29.628	-.123	29.505	30.07	59.0	51.4	45	60	.298	75.8	55.0	W	6			0	0	0	0	Clear			H.E.H.	12
13	69.0	29.880	-.115	29.765	30.34	49.2	43.7	37	64	.219	74.8	42.8	E	10			0	0	0	0	Clear			H.E.H.	13
14	69.0	29.760	-.114	29.646	30.22	61.4	51.2	42	49	.266	79.0	49.2	SE	10			0	10	A st	SE	Cloudy			H.E.H.	14
15	72.5	29.671	-.123	29.548	30.12	66.8	57.7	52	58	.387	86.5	60.0	SW	10			0	Few	ci	0?	Clear			H.E.H.	15
16	80.0	29.610	-.142	29.468	30.03	70.0	61.7	56	63	.448	89.2	66.2	W	8			0	3	ci st	SW	Clear			H.E.H.	16
17	82.0	29.586	-.148	29.438	30.00	71.8	64.3	60	67	.517	89.8	67.0	SW	4			0	5	ci st	SW	Pt Cldy			H.E.H.	17
18	84.0	29.440	-.152	29.288	29.84	73.2	67.2	64	73	.595	91.0	68.2	SW	6			0	1	ci	SW	Clear			H.E.H.	18
19	86.0	29.252	-.157	29.095	29.65	75.8	67.8	64	67	.595	91.5	72.2	S	14			0	Few	ci	0?	Clear			H.E.H.	19
20	84.0	29.322	-.152	29.170	29.72	69.8	65.7	64	81	.595	89.8	64.4	SW	8			.05	4	ci st	SW	Pt Cldy			H.E.H.	20
21	78.0	29.408	-.136	29.272	29.83	68.3	66.3	65	90	.616	81.0	64.9	E	5			0	10	St	SE	Cloudy			S.P.C.	21
22	78.0	29.545	-.137	29.408	29.78	66.0	64.0	63	90	.575	80.3	64.5	W	1			T	10	A st	0?	Cloudy			S.P.C.	22
23	73.5	29.507	-.125	29.382	29.75	60.0	55.3	52	75	.387	78.2	57.9	W	12			T	1/2	ci	NW	Clear			S.P.C.	23
24	72.0	29.721	-.122	29.599	30.17	63.0	58.0	55	74	.432	72.3	53.3	W	1			0	0	0	0	Clear			S.P.C.	24
25	79.0	29.608	-.140	29.468	30.04	71.1	63.6	59	67	.499	86.6	63.0	SW	6			0	few	ci	SW	Clear			S.P.C.	25
26	84.0	29.628	-.154	29.474	30.03	73.8	64.3	59	60	.499	95.2	65.4	SW	12			0	0	0	0	Clear			S.P.C.	26
27	76.0	29.617	-.158	29.459	30.02	76.0	66.3	62	60	.555	74.2	70.4	SW	3			0	few	ci st	SW	Clear			S.P.C.	27
28	86.0	29.764	-.159	29.605	30.16	70.0	66.3	65	82	.616	93.0	67.4	NE	3			.02	3	St cu	SW	Clear			S.P.C.	28
29	76.0	29.793	-.132	29.661	30.23	61.3	57.3	54	79	.417	83.8	57.6	NE	10			T	1	ci st	SW	Clear			S.P.C.	29
30	70.5	29.717	-.111	29.579	30.17	61.0	58.4	56	81	.448	70.6	57.0	NE	8			T	1	ci st	NW	Pt Cldy			S.P.C.	30
31	78.0	29.497	-.137	29.360	29.73	72.3	66.1	64	75	.595	82.0	63.0	SW	5			0	9	[illegible]	[illegible]	[illegible]			[illegible]	31
Sums	(a)	(a)		715.5[illegible]	7[illegible]1.46	1572.3	1419.1	1374	1742.5	12.[illegible]	(a)	(a)	(a)	181	(a)	(a)	[illegible]	[illegible]	(a)	(a)	(a)			(a)	(a)
Means	(a)	(a)		29.478	30.047	61.0	57.5	57.4	71.6	.405	(a)	(a)	(c) W	5.5	(a)	(a)	(a)	[illegible]	(c)	(c)	(a)			(a)	(a)

Reference letters in this form refer to paragraph 122, "Instructions for Preparing Meteorological Forms."

† By dial when self-recorder is out of order.

†† T indicates trace of precipitation.

Form 1026 Climate and Crop

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ORIGINAL MONTHLY RECORD OF OBSERVATIONS at LA SALLE ILL., for the Month of MAY 1911, 191

Number of Station barometer, 597; sum of corrections, -.005 inch.

OBSERVATIONS AT 8 P. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7 P. M. 90 MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7.04 P. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-reg. ther's. Max. (b)	Self-reg. ther's. Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 p. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.	Fog, Mid. to Mid. (local standard time). Light. (f)	Fog, Mid. to Mid. (local standard time). Dense. (f)	Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.								
1																	06								1
2																	0								2
3																	0								3
4																	0								4
5																	0								5
6																	0					B D Na E 8.15a			6
7																	0								7
8																	T								8
9																	0					B D Na E 8.30a			9
10																	0								10
11																	0								11
12																	0								12
13																									13
14																	T								14
15																	0								15
16																	0								16
17																	0								17
18																	0								18
19																	0								19
20						67.2											.18								20
21																	0								21
22																	T								22
23																	0								23
24																	0								24
25																	0								25
26																	0								26
27																	0								27
28						64.8											1.58								28
29																	.05								29
30																	0								30
31																	0								31
Sums		(a)	(a)								(a)	(a)	(a)		(a)	(a)	1.87		(a)	(a)	(a)	2	0	(a)	(a)
Means		(a)	(a)								(a)	(a)	(c)		(a)	(c)	(a)		(c)	(c)	(a)	(a)	(a)	(a)	(a)

Observations are begun about 7.40 o'clock, 75th meridian time.

† By dial when self-register is out of order. †† T indicates trace of precipitation.

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ORIGINAL MONTHLY RECORD OF OBSERVATIONS at LA SALLE, ILL., for the Month of MAY 1911, 191

Date.	Temperature. Maximum. (b)	Minimum. (b)	Range. (b)	Change. (b)	Mean. (Max. and Min.) (b)	Normal.	Departure.	Total excess or deficiency since 1st of month.	Precipitation. Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Total (Mid. to mid.). (b) ††	Normal.	Departure.	Total excess or deficiency since 1st of month.	Hailstones, sleet unmelted 7 p.m. to 7 p.m. 7 ‡‡	Snow, unmelted, 7 p.m. to 7 p.m. 7 ‡‡	Hail, sleet, and snow on ground at 7 a.m. 7 ‡‡	Amount of precipitation from 6 a.m. (mid. to mid.).	Date.
	°	°	°	°	°																In.				In.	In.	In.	In.	
1	51	38	13	13	44	56	-12	-12													.10	.13	-.03	-.03	0	0	0	0	1
2	54	32	22	1	43	56	-13	-25													0	.13	-.13	-.16	0	0	0	0	2
3	59	35	24	4	47	56	-9	-34													0	.13	-.13	-.29	0	0	0	0	3
4	64	35	29	3	50	57	-7	-41													0	.13	-.13	-.42	0	0	0	0	4
5	69	39	30	4	54	57	-3	-44													0	.14	-.14	-.56	0	0	0	0	5
6	72	41	31	2	56	57	-1	-45													0	.14	-.14	-.70	0	0	0	0	6
7	78	51	27	8	64	58	+6	-39													0	.14	-.14	-.84	0	0	0	0	7
8	81	58	23	6	70	58	+12	-27													T	.14	-.14	-.98	0	0	0	0	8
9	88	56	32	2	72	58	+14	-13													0	.13	-.13	-1.11	0	0	0	0	9
10	87	61	26	2	74	59	+15	+2													0	.12	-.12	-1.23	0	0	0	0	10
11	76	58	18	7	67	59	+8	+10													0	.11	-.11	-1.34	0	0	0	0	11
12	75	50	25	5	62	59	+3	+13													0	.11	-.11	-1.45	0	0	0	0	12
13	79	43	36	1	61	60	+1	+14													0	.11	-.11	-1.56	0	0	0	0	13
14	86	57	29	11	72	60	+12	+26													T	.11	-.11	-1.67	0	0	0	0	14
15	89	60	29	2	74	60	+14	+40													0	.10	-.10	-1.77	0	0	0	0	15
16	90	66	24	4	78	61	+17	+57													0	.09	-.09	-1.86	0	0	0	0	16
17	91	67	24	1	79	61	+18	+75													0	.09	-.09	-1.95	0	0	0	0	17
18	92	68	24	1	80	62	+18	+93													0	.10	-.10	-2.05	0	0	0	0	18
19	90	69	21	0	80	62	+18	+111													× T	.11	-.11	-2.16	0	0	0	0	19
20	81	64	17	8	72	62	+10	+121													× .22	.12	+.10	-2.06	0	0	0	0	20
21	80	65	15	0	72	63	+9	+130													0	.12	-.12	-2.18	0	0	0	0	21
22	78	62	16	2	70	63	+7	+137													T	.13	-.13	-2.31	0	0	0	0	22
23	72	57	15	6	64	63	+1	+138													0	.13	-.13	-2.44	0	0	0	0	23
24	87	53	34	6	70	64	+6	+144													0	.14	-.14	-2.58	0	0	0	0	24
25	95	63	32	9	79	64	+15	+159													0	.14	-.14	-2.72	0	0	0	0	25
26	94	65	29	1	80	64	+16	+175													0	.14	-.14	-2.86	0	0	0	0	26
27	93	70	23	2	82	64	+18	+193													0	.15	-.15	-3.01	0	0	0	0	27
28	84	64	20	8	74	65	+9	+202													1.60	.15	+1.45	-1.56					28
29	71	57	14	10	64	65	-1	+201													.05	.15	-.10	[illegible]					29
30	82	57	25	6	70	65	+5	+206													0	.15	-.15	-1.8[illegible]					30
31	81	63	18	2	72	66	+6	+212													0	.14	-.14						31
S	2469	1724	745	137	2096	1884	Total excess or deficiency since January 1, +518		(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	1.77	3.92	Total excess or deficiency since January 1, -3.85		0	0	(a)	(a)	(a)
M	79.6	55.6	24.0	4.4	67.6	(a)			(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)			(a)	(a)	(a)	(a)	(a)

All data are in the standard of time in local use. ‡ Use the following abbreviations: R—rain, S^d—dry snow, S^m—moist snow, H—hail, Sl—sleet. †† T indicates trace of precipitation. ‡‡ Enter the local standard time of observation. * Inches and tenths.

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SUMMARY FOR THE MONTH OF MAY 1911, 191

Data for pressure, dry and wet thermometers, dew-point, humidity, vapor pressure, and mean cloudiness are in 75th meridian time. All other data are in the standard of time in local use.

PRESSURE.

(Correction to reduce to a 24-hour mean -.024)

STATION. Mean. 8 a. m.	8 p. m.	Monthly. (g)	Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.	REDUCED. Mean. 8 a. m.	8 p. m.	Monthly. (g)	Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.
29.478			29.858	5"	28.938	1"	0.920	30.047			30.45	5"	29.51	1"	0.94
Corrected mean		29.454						Corrected mean		30.023	3,500-ft			10,000-ft	

TEMPERATURE.

MEAN. Dry. 8 a. m.	8 p. m.	(8+8)÷2 (g)	Wet. 8 a. m.	8 p. m.	Monthly. (g)	Max.	Min.	Monthly. (g)	Sea-level. (g)	3,500-ft. (g)	10,000-ft. (g)	Highest. (i)	Date. (i)	Lowest. (i)	Date. (i)	Absolute range.	Greatest daily range. (i)	Date. (i)	Least daily range. (i)	Date. (i)
61.0			55.5			79.6	55.6	67.6				95	25"	32	2"	63	36	13"	13	1"

Dew-point. 8 a. m.	8 p. m.	Monthly. (g)	Relative Humidity. 8 a. m.	8 p. m.	Monthly. (g)	Vapor Pressure. 8 a. m.	8 p. m.	Monthly. (g)	Number of days with—(j) Maximum. 32° or below.	90° or above.	Minimum. 32° or below.	Zero or below.
51.4			71.6			.405			0	5	0	0

WIND.

Total movement (mid. to mid.).	Average hourly velocity.	Prevailing direction. (p)	Maximum velocity. (r)	Direction. (r)	Date. (r)	Number of times wind observed from the— N.	NE.	E.	SE.	S.	SW.	W.	NW.	Calm.
6115	8.2	SW	31	W	19	1	4	2	2	1	9	10	1	1

WEATHER.

Mean Cloudiness. 8 a. m.	8 p. m.	Monthly. (t)	Sunshine. Percentage of possible.	Number of Days. Clear.	Partly cloudy.	Cloudy.	Number of Days with Precipitation (Mid. to Mid.). Clear. (u)	Partly cloudy. (u)	Cloudy. (u)
3.1		3.9	79	14	12	5	0	1	3

MISCELLANEOUS PHENOMENA.

DATES OF—(MIDNIGHT TO MIDNIGHT).

Frosts. Light.	Heavy.	Killing.	Thunderstorms. (v)	Winds. (40 miles or over.)	Solar Halos.	Lunar Halos.	Fog. Light.	Dense.	Haze. Light.	Dense.	Smoke. Light.	Dense.	Hail.	Aurora.
5"	4"		19"-20"-22" 28"-31"	None	None	None	6" 9"	None	None	None	None	None	None	None

PRECIPITATION (in inches and hundredths). (m)

Total amount.	Greatest amount in 24 consecutive hours. Am't.	Date. (k)	Excessive. 2.50 inches in 24 hours. (l) * Am't.	Duration. h. m.	Date. (k)	1 inch per hour. (l) Am't.	Duration. h. m.	Date. (k)	Number of days with—(Mid. to Mid.). Trace.	.01 or more.	.04 or more.	.25 or more.	1.00 or more.	Total.	Snow. Trace or more.	.01 or more melted.	Snow. Total depth. (o)	Average depth at end of month.
1.97	1.63	28" 29"	None	—	-	1.40	0:33	28"	4	4	4	1	1	8	0	0	0	0

(w) Maximum precipitation in 5 minutes 0.39, date 28"; 10 minutes 0.73, date 28"; 15 minutes 0.85, date 28";
30 minutes 1.33, date 28"; 1 hour 1.58, date 28"; 2 hours 1.58, date 28"

EXCESSIVE.

Date.	Total duration. From—	To—	Total am't of precipitation.	Excessive rate. Began—	Ended—	Am't before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
28"	3:20p	4:45p	1.58	3:28p	4:15p	.01	.09	.10	.23	.45	.57	.66	1.01	1.39	1.51	~~1.6~~				

Station and property transferred from O.M. Hadley to H.E. Hyre May 2, 1911.

*The duration is the time precipitation was actually recorded.

Station and property transferred from H.E. Hyre to S.P. Peterson May 29, 1911.

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Prepared by S. P. Peterson S. P. Peterson O. Hyre, Weather Bureau.

(g)

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at LA SALLE ILL, for the Month of MAY 1911, 191

Number of Station barometer, 597; sum of corrections, -.005 inch.

Date.	Time.		Barometer.					Thermometers.		Dew-point.	Depression of the dew-point.	Relative humidity.	Maximum thermometer.	Wind.				Precipitation. ††	Clouds.			State of Weather.	Special Phenomena.	Initials of Observer.	Date.
	75th Mer.	Local (standard).	Attached thermometer.	Observed reading.	Total correction.	Station. (Observed reading plus total cor.)	Reduced to sea-level.	Dry.	Wet.					Direction.	Velocity. †	Max. since last observation.	Direction.		Am't.	Kind.	Dir. from.				

SPECIAL OBSERVATIONS.

If additional space is required, rule a sheet similar to this, and paste to this margin. † By dial when self-register is out of order. ††T indicates trace of precipitation.

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Form No. 1001—Met'l. (1911 edition.)

U. S. DEPARTMENT OF AGRICULTURE,

WEATHER BUREAU.

ORIGINAL MONTHLY RECORD

OF

OBSERVATIONS

AT

LA SALLE, ILL.

For the Month of JUN 1911, *191*

* Station is supplied with a barograph, thermograph, sunshine recorder, and self-recording rain gage.

† No. of dry thermometer in use, ...; No. of wet thermometer in use, ... ; No. of maximum thermometer in use, ...; No of minimum thermometer in use, ...

† Elevation above ground of the dry thermometer, ... feet; rain gage, ... feet; anemometer, ... feet.

If the office has been moved during the month, give date .....; amount of change in height of barometer, ... feet (higher or lower).

No. of extra barometer, 600; sum of corrections, -.011; date and observation upon which use of station barometer commenced, 8.00 am November 19, 1904; station elevation, 536 feet; actual elevation, 536 feet.

Location of office: Number 221 Gording street, rooms *210 + 211; first observation taken in present office, 8.00 am. November 19, 1904

* Cancel words that are not appropriate. † To be entered only in December unless changes are made during the year. Changes made during the year will be noted in the appropriate months. 8—154

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at LA SALLE, ILL., for the Month of [illegible], 191

Number of Station barometer, 597; sum of corrections, −.005 inch.

OBSERVATIONS AT 8 A. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7 A. M. 90TH MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7:04 A. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-reg. ther's. Max. (b)	Self-reg. ther's. Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 a. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.		Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In							
1	76.0	29.643	.132	29.511	30.08	60.8	58.3	57	86	.465	80.8	55.0	SW	7			0	2	Ci St	W	Clear		S.P.P.	1
2	76.0	29.583	.131	29.452	30.02	65.0	58.7	54	69	.417	81.4	60.8	S	8			0	10	a St	W	Cloudy		S.P.P.	2
3	72.5	29.521	.122	29.399	29.97	67.8	63.8	62	81	.555	72.5	61.0	S	2			0	1/2 4	Ci a Cu a St	W W W	Pt Cldy		S.P.P.	3
4	83.0	29.575	.150	29.425	29.98	77.0	70.0	67	71	.661	93.3	67.8	SW	5			0	few	Ci	SW	Clear		[illegible]	4
5	86.0	29.543	.158	29.385	29.94	73.3	68.8	66	80	.638	96.1	67.4	NE	2			0	1	Ci St	W	Clear		S.P.P.	5
6	83.5	29.593	.152	29.441	30.00	68.3	63.8	61	78	.536	95.3	68.3	E	8			.08	10	Nb	SW	Lt rain		[illegible]	6
7	80.0	29.737	.143	29.594	30.16	63.5	60.5	58	84	.482	81.3	58.5	NE	6			0	0	0	0	Clear		S.P.P.	7
8	74.5	29.721	.128	29.593	30.16	62.0	59.4	58	86	.482	79.9	54.3	E	4			0	8	Ci St	SW	Cloudy		[illegible]	8
9	80.5	29.574	.143	29.431	30.00	75.0	67.0	63	66	.575	86.3	62.0	SW	11			0	few	Ci St	SW	Clear		S.P.	9
10	83.0	29.452	.163	29.[illegible]19	29.87	80.3	68.3	62	54	.555	79.7	75.0	SW	11			0	6	Ci St	SW	Pt Cldy		[illegible]	10
11	87.5	29.398	.161	29.237	29.79	72.0	68.0	66	82	.638	98.2	68.8	W	13	33	SW	.27	4	St Cu	SW	Pt Cldy		S.P.P.	11
12	79.0	29.324	.138	29.186	29.75	61.4	57.9	55	51	.432	83.0	60.0	W	11			T	6	St Cu	W	Pt Cldy		[illegible]	12
13	75.0	29.460	.129	29.331	29.89	65.7	60.2	57	73	.465	71.5	59.8	NW	8			0	few	Ci St	NW	Clear		[illegible]	13
14	75.5	29.482	.130	29.352	29.92	63.3	59.3	57	79	.465	79.7	59.1	W	4			0	5 2	a Cu a St	W W	Pt Cldy		S.P.P.	14
15	75.0	29.564	.129	29.435	30.01	60.0	55.5	52	76	.387	80.0	53.6	SW	3			0	3 4	Ci St Ci St	W W	Clear		S.P.P.	15
16	79.0	29.411	.139	29.272	29.83	70.0	58.8	51	51	.373	84.9	60.0	SE	6			.01	6	a St	W	Cloudy		S.P.P.	16
17	78.0	29.288	.136	29.152	29.71	67.0	63.0	61	80	.536	83.1	64.1	E	12			.04	3 4	Ci St St Cu	SW E	Pt Cldy		[illegible]	17
18	75.0	29.529	.129	29.400	29.97	64.5	61.5	60	85	.517	74.4	62.5	NE	12			0	2	St Cu	E	Clear		S.P.P.	18
19	76.5	29.660	.134	29.526	30.10	66.2	62.2	60	80	.517	82.2	57.7	NE	1			0	0	0	0	Clear		[illegible]	19
20	82.0	29.696	.148	29.548	30.11	72.6	67.1	65	76	.616	87.5	64.5	NW	2			0	few	Ci	NW	Clear		[illegible]	20
21	83.5	29.742	.152	29.590	30.15	70.0	62.2	57	65	.465	93.0	64.3	E	4			0	few	Ci	W	Clear		S.P.P.	21
22	87.0	29.700	.161	29.541	30.10	74.5	65.8	61	63	.536	95.6	70.0	S	2			0	0	0	0	Clear		[illegible]	22
23	89.0	29.585	.167	29.418	29.98	75.0	67.4	64	68	.595	97.4	70.9	SE	2			0	1	Ci	W	Clear		[illegible]	23
24	87.0	29.531	.160	29.371	29.93	71.0	71.0	71	100	.757	94.3	71.0	SE	6			.55	10	Nb	SE	Hy rain		S.P.P.	24
25	89.0	29.437	.147	29.292	29.84	71.6	71.1	71	98	.757	97.3	70.8	S	3			T	10	St	SW	Cloudy		S.P.P.	25
26	84.0	29.445	.153	29.292	29.84	74.0	72.0	71	91	.757	87.0	71.6	W	10			.03	6 4	St Cu Ci St	W W	[illegible]		[illegible]	26
27	83.5	29.514	.151	29.363	29.92	71.0	65.5	63	75	.575	87.5	69.1	W	9			0	few	Ci St	SW	[illegible]		[illegible]	27
28	75.5	29.611	.131	29.560	30.13	55.1	54.1	51	77	.373	77.5	51.4	N	5			0	0	0	0	Clear		[illegible]	28
29	72.5	29.731	.123	29.608	30.15	61.4	54.4	47	64	.347	83.0	58.1	E	12			0	5	Ci St	W	Cloudy		[illegible]	29
30	78.0	29.740	.138	29.602	30.17	71.0	64.4	61	71	.536	85.0	61.4	SE	2			0	0	0	0	Clear		[illegible]	30
31																								31
Sums	(a)	(a)	(a)	852.626	899.50	2053.6	1910.0	1811	2170	16.010	(a)	(a)	(a)	191	(a)	(a)	0.98	122	(a)	(a)	(a)		(a)	(a)
Means	(a)	(a)		29.421	29.983	68.5	63.3	60.4	76.3	.534	(a)	(a)	(c) SW-14	6.4	(a)	(a)	(a)	4.1	(c) Ci St	(c) W	(a)		(a)	(a)

Reference letters in this form refer to paragraph 122, "Instructions for Preparing Meteorological Forms."

† By dial when self-register is out of order. †† T indicates trace of precipitation.

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ORIGINAL MONTHLY RECORD OF OBSERVATIONS at LA SALLE, ILL., for the Month of JUN[illegible], 191[illegible]

Number of Station barometer, 597; sum of corrections, -.005 inch.

OBSERVATIONS AT 8 P. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7 P. M. 90th MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; [illegible] P. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-reg. ther's. Max. (b)	Self-reg. ther's. Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 p. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.	Fog, Mid. to Mid. (local standard time). Light. (f)	Fog, Mid. to Mid. (local standard time). Dense. (f)	Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.								
1																	0								1
2																	.66								2
3																	0								3
4																	0								4
5																	0								5
6																	.13								6
7																									7
8																	T								8
9																	0								9
10						80.0											T								10
11																	1								11
12																	1								12
13																	0								13
14																									14
15																	0								15
16																	0								16
17																	T								17
18																	0								18
19																	0								19
20																	0								20
21																	0								21
22																	0								22
23																	T								23
24						75.7											1.43								24
25																	0								25
26						83.1											.12								26
27																	0								27
28																	0								28
29																	T								29
30																	0								30
31																									31
Sums		(a)	(a)								(a)	(a)	(a)		(a)	(a)	2.34		(a)	(a)	(a)	0	0	(a)	(a)
Means		(a)	(a)								(a)	(a)	(c)		(a)	(a)	(a)		(c)	(c)	(a)	(a)	(a)	(a)	(a)

Observations are begun about 7.40 o'clock, 75th meridian time.

† By dial when self-register is out of order. †† T indicates trace of precipitation.

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ORIGINAL MONTHLY RECORD OF OBSERVATIONS at LA SALLE, ILL., for the Month of JUNE 1911, 191

Date.	Temperature. Maximum. (b)	Minimum. (b)	Range. (b)	Change. (b)	Mean. (Max. and Min.) (b)	Normal.	Departure.	Total excess or deficiency since 1st of month.	Precipitation. Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Total (Melt. to mbl.). (b) ††	Normal.	Departure.	Total excess or deficiency since 1st of month.	Hail and sleet unmelted. 7 p.m. to 7 p.m. * ‡‡	Snow unmelted. 7 p.m. to 7 p.m. * ‡‡	Hail, sleet, and snow on ground at 7 p.m. * ‡‡	Amount of precipitation from melted snow (incl. to mbl.).	Date.
		°	°	°	°																In.				In.	In.	In.	In.	
1	81	55	26	4	68	66	+ 2	+ 2													0	.14		.14	0	0	0	0	1
2	72	61	11	2	66	66	0	+ 2	R	7 16 a	2 55 p	R	3 15 p	4 00 p							.66	.14	+.52	+.38	0	0	0	0	2
3	93	62	31	12	78	67	+11	+13													0	.14	-.14	+.24	0	0	0	0	3
4	96	72	24	6	84	67	+17	+30													0	.14	-.14	+.10	0	0	0	0	4
5	95	67	28	3	81	67	+14	+44													0	.15	-.15	-.05					5
6	81	64	17	9	72	68	+ 4	+48	R	5 20 a	9 30 a										.21	.15	+.06	+.01	0	0	0	0	6
7	80	58	22	3	69	68	+ 1	+49													0	.15	-.15	-.14					7
8	86	54	32	1	70	68	+ 2	+51	R	11 50 a	12 10 p										T	.14	-.14	-.14		0	0	0	8
9	100	67	33	14	84	68	+16	+67													0	.14	-.14	-.42	0	0	0	0	9
10	95	74	21	2	84	69	+17	+84	R	6 10 p	6 20 p	R	D K p								.03	.14	-.11	-.53	0	0	0	0	10
11	83	60	23	14	72	69	+ 3	+87	R	- - -	D K a	R	11 45 a	11 50 a	R	5 43 p	6 10 p	R	7 05 p	7 30 p	.24	.14	+.10	-.43	0	0	0	0	11
12	72	60	12	6	66	69	- 3	+84	R	1 45 p	2 10 p	R	5 05 p	5 13 p							T	.14	-.14	-.57	0	0	0	0	12
13	80	60	20	4	70	70	0	+84													0	.13	-.13	-.70	0				13
14	80	59	21	0	70	70	0	+84													0	.13	-.13	-.83					14
15	85	54	31	0	70	70	0	+84	R	D K p	D K p										.01	.13	-.12	-.95	0	0	0	0	15
16	83	66	17	4	74	70	+ 4	+88													0	.13	-.13	-1.08	0	0	0	0	16
17	74	63	11	6	68	71	- 3	+85	R	D K a	D K a	R	9 30 a	9 37 a							.04	.13	-.09	-1.17	0	0	0	0	17
18	82	62	20	4	72	71	+ 1	+86													0	.13	-.13	-1.30	0	0	0	0	18
19	88	58	30	1	73	71	+ 2	+88													0	.13	-.13	-1.43	0	0	0	0	19
20	93	64	29	5	78	71	+ 7	+95													0	.13	-.13	-1.56	0	0	0	0	20
21	96	64	32	2	80	72	+ 8	+103													0	.13	-.13	-1.69	0	0	0	0	21
22	97	71	26	4	84	72	+12	+115													0	.13	-.13	-1.82	0	0	0	0	22
23	94	71	23	2	82	72	+10	+125	R	3 10 p	3 13 p										T	.13	-.13	-1.95	0				23
24	77	71	5	7	75	72	+ 3	+128	R	5 20 a	1 40 p	R	4 25 p	6 35 p	R	7 05 p	7 40 p				1.75	.13	+1.55	-.10					24
25	87	72	15	5	80	73	+ 7	+135	R	9 03 p	9 40 p										T	.12	-.12	-.22	0	0	0	0	25
26	87	73	14	0	80	73	+ 7	+142	R	6 05 a	8 05 a	R	5 49 p	6 08 p							.15	.12	+.03	-.19	0	0	0	0	26
27	78	57	21	12	68	73	- 5	+137													0	.12	-.12	-.31	0	0	0	0	27
28	75	51	24	5	63	73	-10	+127													0	.12	-.12	-.43	0	0	0	0	28
29	85	59	26	9	72	74	- 2	+125	R	7 30 a	9 08 a										T	.12	-.12	-.55	0	0	0	0	29
30	94	68	26	7	81	74	+ 7	+132													0	.12	-.12	-.67	0	0	0	0	30
31																													31
S	2574	1897	677	155	2236	(a)	Total excess or deficiency since January 1, +650		(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	2.52	3.99	Total excess or deficiency since January 1, -4.47		0	0	(a)	(a)	(a)
M	85.8	63.2	22.6	5.2	74.5	(a)			(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)			(a)	(a)	(a)	(a)	(a)

All data are in the standard of time in local use. ‡ Use the following abbreviations: R—rain, S^d—dry snow, S^m—moist snow, H—hail, Sl—sleet. †† T indicates trace of precipitation. ‡‡ Enter the local standard time of observation. * Inches and tenths.

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SUMMARY FOR THE MONTH OF JUN 1911, 191

Data for pressure, dry and wet thermometers, dew-point, humidity, vapor pressure, and mean cloudiness are in 75th meridian time. All other data are in the standard of time in local use.

PRESSURE.

(Correction to reduce to a 24-hour mean -.027)

STATION. Mean. 8 a. m.	8 p. m.	Monthly. (g)	Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.	REDUCED. Mean. 8 a. m.	8 p. m.	Monthly. (g)	Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.
29.421			29.608	29"	29.152	17"	0.456	29.983			30.15	29"	29.71	17"	0.47
Corrected mean		29.394						Corrected mean		29.956	3,500-ft			10,000-ft	

TEMPERATURE.

MEAN. Dry. 8 a. m.	8 p. m.	(8+8)÷2 (g)	Wet. 8 a. m.	8 p. m.	Monthly. (g)	Max.	Min.	Monthly. (g)	Sea-level. (g)	3,500-ft. (g)	10,000-ft. (g)	Highest. (i)	Date. (i)	Lowest. (i)	Date. (i)	Absolute range.	Greatest daily range. (i)	Date. (i)	Least daily range. (i)	Date. (i)
68.5			63.3			85.8	63.2	74.5				100	9"	51	28"	49	33	9"	8	24"

Dew-point. 8 a. m.	8 p. m.	Monthly. (g)	Relative Humidity. 8 a. m.	8 p. m.	Monthly. (g)	Vapor Pressure. 8 a. m.	8 p. m.	Monthly. (g)	Number of days with—(j) Maximum. 32° or below.	90° or above.	Minimum. 32° or below.	Zero or below.
60.4			76.3			.534			0	10	0	0

WIND.

Total movement (mid. to mid.).	Average hourly velocity.	Prevailing direction. (p)	Maximum velocity. (r)	Direction. (r)	Date. (r)	Number of times wind observed from the— N.	NE.	E.	SE.	S.	SW.	W.	NW.	Calm.
4907	6.8	SW	33	SW	11"	1	4	5	4	4	5	5	2	0

WEATHER.

Mean Cloudiness. 8 a. m.	8 p. m.	Monthly. (t)	Sunshine. Percentage of possible.	Number of Days. Clear.	Partly cloudy.	Cloudy.	Number of Days with Precipitation (Mid. to Mid.). Clear. (u)	Partly cloudy. (u)	Cloudy. (u)
4.1		4.1	73	14	11	5	1	4	3

MISCELLANEOUS PHENOMENA.

DATES OF—(MIDNIGHT TO MIDNIGHT).

Frosts. Light.	Heavy.	Killing.	Thunderstorms. (v)	Winds. (40 miles or over.)	Solar Halos.	Lunar Halos.	Fog. Light.	Dense.	Haze. Light.	Dense.	Smoke. Light.	Dense.	Hail.	Aurora.
None	None	None	2", 6", 10", 11", 17", 20", 23", 24", 25", 26"	None	None	None	None	None	None	None	None	None	None	None

PRECIPITATION (in inches and hundredths). (m)

Total amount.	Greatest amount in 24 consecutive hours. Am't.	Date. (k)	Excessive. 2.50 inches in 24 hours. (l) * Am't.	Duration. h. m.	Date. (k)	1 inch per hour. (l) Am't.	Duration. h. m.	Date. (k)	Number of days with—(Mid. to Mid.). Trace.	.01 or more.	.04 or more.	.25 or more.	1.00 or more.	Total.	Snow. Trace or more.	.01 or more melted.	Snow. Total depth. (o)	Average depth at end of month.
3.32	1.98	24"	None	—	—	None	—	—	5	8	6	2	1	13	0	0	0	0

(w) Maximum precipitation in 5 minutes .20, date 24"; 10 minutes .29, date 24"; 15 minutes .42, date 24"; 30 minutes .64, date 24"; 1 hour .88, date 24; 2 hours 1.00, date 24"

EXCESSIVE.

Date.	Total Duration. From—	To—	Total am't of precipitation.	Excessive Rate. Began—	Ended—	Am't before excessive began.	Accumulated Depths during Excessive Rate, for Consecutive Periods of Time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
24	5:30a	1:40p	1.93	6:21a	6:48a	.02	.12	.22	.36	.50	.58	.63								
24"	5:30a	1:40p	1.93	10:28a	10:51a	1.26	.08	.16	.28	.41	.46									

*The duration is the time precipitation was actually recorded.

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Prepared by S. P. Peterson S. P. Peterson Observer, Weather Bureau.

(9)

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at LA SALLE, ILL., for the Month of JUN 1911, 191

Number of Station barometer, 597; sum of corrections, -.005 inch.

Date.	Time. 75th Mer.	Time. Local (standard).	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.)	Barometer. Reduced to sea-level.	Thermometers. Dry.	Thermometers. Wet.	Dew-point.	Depression of the dew-point.	Relative humidity.	Maximum thermometer.	Wind. Direction.	Wind. Velocity. †	Wind. Max. since last observation.	Wind. Direction.	Precipitation. ††	Clouds. Am't.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.	Special Phenomena.	Initials of Observer.	Date.
2	3:15p	2:15p	72.5	29.490	-.122	29.368	29.94	64.3	60.3	58	6	79	66.0	S	15	23	NW	.64	10	St Cu	SW	Raining	Rotacot	J.H.A.	

If additional space is required, rule a sheet similar to this, and paste to this margin. † By dial when self-register is out of order. †† T indicates trace of precipitation.

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Form No. 1001—Met'l. (1911 edition.)

U. S. DEPARTMENT OF AGRICULTURE,

WEATHER BUREAU.

ORIGINAL MONTHLY RECORD

OF

OBSERVATIONS

AT

La Salle, Ill.

For the Month of July, *1911*

* Station is supplied with a barograph, thermograph, sunshine recorder, and self-recording rain gage.

† No. of dry thermometer in use, ...; No. of wet thermometer in use, ...; No. of maximum thermometer in use, ...; No of minimum thermometer in use, ...

† Elevation above ground of the dry thermometer, ... feet; rain gage, ... feet; anemometer, ... feet.

If the office has been moved during the month, give date —; amount of change in height of barometer, — feet (higher or lower).

No. of extra barometer, 600; sum of corrections, −.011; date and observation upon which use of station barometer commenced, 8:00 a.m. Nov. 19, 1904; station elevation, 536 feet; actual elevation, 536 feet.

Location of office: Number 221 Gooding street, rooms #210 & 311; first observation taken in present office, 8:00 am. Nov. 19, 19..

* Cancel words that are not appropriate.

† To be entered only in December unless changes are made during the year. Changes made during the year will be noted in the appropriate months.

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ORIGINAL MONTHLY RECORD OF OBSERVATIONS at La Salle, Ill., for the Month of July, 1911

Number of Station barometer, 597; sum of corrections, -.005 inch.

OBSERVATIONS AT 8 A. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7:00 A. M. 90TH MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE: 7:15 A. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-reg. ther's. Max. (b)	Self-reg. ther's. Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 a. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.		Initials of observer.	Date
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In							
1	85.0	29.751	-.157	29.594	30.15	75.4	67.4	63	66	.575	93.8	67.5	E	2			0	0	0	0	Clear		S.P.P.	1
2	89.0	29.689	-.167	29.522	30.08	76.4	67.7	67	72	.661	95.1	72.3	SW	2			0	1	Ci St	W	Clear		S.P.P.	2
3	90.5	29.616	-.171	29.445	30.00	78.3	68.8	64	62	.595	96.7	76.4	SW	4			0	0	0	0	Clear		S.P.P.	3
4	91.0	29.611	-.172	29.439	30.00	79.0	70.4	67	66	.661	101.0	72.8	E	2			0	0	0	0	Clear		S.P.P.	4
5	94.0	29.602	-.180	29.422	29.98	81.5	73.5	70	69	.732	99.4	78.5	SE	2			0	0	0	0	Clear		S.P.P.	5
6	92.5	29.725	-.176	29.549	30.11	73.5	71.0	70	89	.732	101.0	73.5	W	3			.09	10	Ci St	W	Cloudy		S.P.P.	6
7	81.5	29.726	-.147	29.579	30.14	69.0	65.0	63	81	.575	89.8	63.1	NE	9			0	4 4	Ci St Cu	W W	Cloudy		[illegible]	7
8	85.5	29.607	-.157	29.450	30.01	77.0	72.0	70	79	.732	94.6	69.0	S	2			.01	0	0	0	Clear		S.P.P.	8
9	88.5	29.605	-.165	29.440	30.00	77.6	72.1	70	77	.732	92.2	73.2	SW	9			0	few	Ci St	SW	Clear		S.P.P.	9
10	87.0	29.670	-.161	29.509	30.07	74.0	73.0	73	95	.810	92.8	72.7	SW	2			.60	10 1	St Ci St	SW W	Cloudy		S.P.P.	10
11	88.5	29.618	-.165	29.453	30.01	79.3	73.3	71	75	.757	90.4	74.0	NW	2			0	few 2	St Cu Cu	NW NW	Clear		S.P.P.	11
12	86.0	29.745	-.159	29.586	30.15	68.4	58.9	52	57	.387	93.4	63.3	N	7			0	2	Ci St	NW	Pt Cldy		S.P.P.	12
13	80.0	29.799	-.143	29.656	30.23	68.0	62.0	58	72	.482	83.0	63.0	SW	2			T	9	a St	NW	Cloudy		S.P.P.	13
14	81.0	29.801	-.146	29.655	30.23	67.7	61.2	57	69	.465	85.8	62.1	NW	3			0	1	Ci St	W	Clear		S.P.P.	14
15	80.0	29.720	-.143	29.577	30.15	71.0	59.5	52	51	.387	84.2	65.4	W	10			T	4 5	Ci St St Cu	W W	Cloudy		S.P.P.	15
16	82.5	29.575	-.149	29.426	29.99	67.4	59.9	55	65	.432	92.1	67.4	N	11	25	NW	T	3	a Cu	W	Clear		S.P.P.	16
17	78.0	29.609	-.137	29.472	30.04	58.6	55.6	54	83	.417	78.4	53.8	NE	2			0	0	0	0	Clear		[illegible]	17
18	76.0	29.591	-.131	29.460	30.03	64.3	55.3	48	56	.334	79.7	57.4	SW	3			0	few 1	Ci St a Cu	SW SW	Clear		[illegible]	18
19	80.0	29.487	-.142	29.345	29.90	72.4	65.9	62	71	.555	82.3	64.3	SW	11			T	1 4	Cu a St	SW SW	Pt Cldy		[illegible]	19
20	79.0	29.606	-.140	29.466	30.04	63.3	60.8	59	87	.499	80.2	57.0	NE	2			0	1	Ci St	NW	Clear		[illegible]	20
21	80.5	29.503	-.143	29.360	29.93	68.3	60.3	55	63	.432	86.4	63.3	NE	8			0	2	Ci St	W	Clear		[illegible]	21
22	77.5	29.576	-.136	29.460	30.03	58.6	55.6	54	83	.417	83.0	55.0	N	1			0	few	Ci St	W	[illegible]		[illegible]	22
23	75.0	29.332	-.136	29.196	29.76	71.0	57.7	48	44	.334	86.1	55.6	S	10			0	10	a St	SW	Cloudy		[illegible]	23
24	74.5	29.436	-.127	29.309	29.87	59.4	53.9	49	70	.347	81.0	56.6	W	16			0	0	0	0	Clear		S.P.P.	24
25	70.0	29.616	-.115	29.501	30.07	58.6	53.1	49	70	.347	67.4	53.2	W	9			0	0	0	0	Cl[illegible]		[illegible]	25
26	67.5	29.758	-.110	29.648	30.22	55.0	53.5	52	71	.357	65.0	50.0	NW	2			0	few	Ci St	NW	[illegible]		[illegible]	26
27	70.5	29.731	-.118	29.613	30.18	62.0	56.0	52	69	.357	76.0	55.0	SE	2			0	3	St Cu	NW	Clear		[illegible]	27
28	75.5	29.576	-.130	29.446	30.04	66.7	59.2	55	65	.432	83.7	62.0	S	6			0	2 8	Ci St a St	W W	Cloudy		[illegible]	28
29	75.0	29.600	-.129	29.471	30.04	66.0	65.0	64	95	.575	76.6	64.6	SW	2			.05	1 [illegible]	Ci St [illegible]	SW W	Pt Cldy		[illegible]	29
30	79.0	29.662	-.140	29.522	30.08	67.3	61.8	60	75	.661	84.5	66.0	S	2			0	7 [illegible]	Ci St fog	W S	Pt Cldy		[illegible]	30
31	81.5	29.576	-.146	29.430	29.99	70.9	67.4	66	84	.628	87.7	66.1	S	2			0	few	Ci St	W	Clear		[illegible]	31
Sums	(a)	(a)	(a)	914.021	931.52	2147.9	1965.0	1856	2269	16.497	(a)	(a)	(a)	151	(a)	(a)	0.75	102	(a)	(a)	(a)		(a)	(a)
Means	(a)	(a)	(a)	29.485	30.049	69.3	63.4	59.9	73.2	.532	(a)	(a)	(c) SW	4.9	(a)	(a)	(a)	3.3	(c) Ci St	(c) W	(a)		(a)	(a)

Reference letters in this form refer to paragraph 122, "Instructions for Preparing Meteorological Forms."

† By dial when self-register is out of order. †† T indicates trace of precipitation.

8—M

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at La Salle, Ill., for the Month of July, 1911.

Number of Station barometer, 597; sum of corrections, -.005 inch.

OBSERVATIONS AT 8 P. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7:00 P. M. 90° MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7:04 P. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-reg. ther's. Max. (b)	Self-reg. ther's. Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 p. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.	Fog, Mid. to Mid. (local standard time). Light. (f)	Fog, Mid. to Mid. (local standard time). Dense. (f)	Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.								
1																	0								1
2																	0								2
3																	0								3
4																	0								4
5																	0								5
6																	.07								6
7						71.0											.42								7
8																	0								8
9																	0								9
10																	0								10
11																	0								11
12																	0								12
13																	T								13
14																	0								14
15																	0								15
16																	0								16
17																	0								17
18																									18
19																	T								19
20																	0								20
21																	0								21
22																	0								22
23						81.0											.94								23
24																	.05								24
25																	.17								25
26																	0								26
27																	0								27
28						68.2											.23								28
29																	0					D.Ha to 7:22			29
30																	0					D.Ha to 7:20a			30
31																	0								31
Sums		(a)	(a)								(a)	(a)	(a)		(a)	(a)	1.58		(a)	(a)	(a)	2	0	(a)	(a)
Means		(a)	(a)								(a)	(a)	(c)		(a)	(a)	(a)		(c)	(c)	(a)	(a)	(a)	(a)	(a)

Observations are begun about 7.40 o'clock, 75th meridian time.

† By dial when self-register is out of order. †† T indicates trace of precipitation.

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ORIGINAL MONTHLY RECORD OF OBSERVATIONS at La Salle, Ill., for the Month of July, 1911.

Date.	Temperature. Maximum. (b)	Minimum. (b)	Range. (b)	Change. (b)	Mean. (Max. and Min.) (b)	Normal.	Departure.	Total excess or deficiency since 1st of month.	Precipitation. Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Total (Mid. to mid.). (b) ††	Normal.	Departure.	Total excess or deficiency since 1st of month.	Hail and sleet melted 7 a. m. to 7 p. m. * ‡‡	Snow not melted 7 a. m. to 7 p. m. ‡‡	Hail, sleet, and snow on ground at 7 p. m. * ‡‡	Amount of precipitation from melted snow in mid.	Date
	°	°	°	°	°																In.				In.	In.	In.	In.	
Saturday 1	95	68	27	1	82	74	+8	+8													0	.11	.11	.11	0	0	0	0	1
2	97	72	25	2	84	74	+10	+18													0	.11	.11	.22	0	0	0	0	2
3	101	76	25	4	88	74	+14	+32													0	.11	.11	.33	0	0	0	0	3
4	99	73	26	2	86	74	+12	+44													0	.12	.12	.45	0	0	0	0	4
5	101	78	23	4	90	75	+15	+59													0	.12	.12	.57	0	0	0	0	5
6	90	66	24	12	78	75	+3	+62	R	4 25 a	6 40 a	R	7 02 a	8 40 a							.16	.12	+.04	.53	[illegible]	[illegible]	[illegible]	[illegible]	6
7	75	63	32	1	77	75	+4	[illegible]	R	5 04 p	5 27 p	R	6 23 p	7 40 p							.43	.12	+.31	.22	0	[illegible]	[illegible]	[illegible]	7
8	92	72	20	3	82	75	+7	+73													0	.12	.12	.34	0	0	0	0	8
9	93	73	20	1	83	75	+8	+81	R	8 45 p	---										.54	.11	+.43	+.09	0	0	0	0	9
10	90	73	17	1	82	75	+7	+88	R		9 00 a										.06	.11	-.05	.04	[illegible]	[illegible]	0	[illegible]	10
11	93	77	16	3	85	75	+10	+98													0	.10	.10	.06	0	0	[illegible]	[illegible]	11
12	83	63	20	12	73	75	-2	+96													0	.10	.10	.16	0	0	0	0	12
13	86	63	23	1	74	76	-2	+94	R	5 20 a	6 13 a	R	7 30 a	8 10 a							T	.10	.10	.26	0	0	0	0	13
14	84	62	22	1	73	76	-3	+91													0	.10	.10	.36	[illegible]	[illegible]	[illegible]	[illegible]	14
15	92	65	27	5	78	76	+2	+93	R	6 08 a	6 35 a	R	7 17 p	7 55 p							T	.10	.10	.46	0	0	0	0	15
16	78	62	16	8	70	76	-6	+87													0	.10	.10	.56	0	0	0	0	16
17	80	54	26	3	67	76	-9	+78													0	.10	.10	.66	0	0	0	0	17
18	82	57	25	3	70	76	-6	+72													0	.10	[illegible]	.76	[illegible]	[illegible]	[illegible]	[illegible]	18
19	80	66	14	3	73	76	-3	+69	R	9 Ha	9 Ha	R	11 48 a	12 40 p							T	.09	.09	.85	0	0	0	0	19
20	86	57	29	1	72	76	-4	+65													0	.09	.09	.94	0	0	0	0	20
21	83	62	21	0	72	76	-4	+61													0	.09	.09	1.03	0	0	0	0	21
22	86	53	33	2	70	76	-6	+55													0	.09	.09	1.12	0	0	0	0	22
23	81	64	17	2	72	76	-4	+51	R	8 10 a	3 05 p										.94	.10	+.84	.28	0	0	0	0	23
24	67	53	14	12	60	76	-16	+35	R	1 50 p	2 07 p	R	3 05 p	3 10 p							.05	.10	-.05	.33	0	0	0	0	24
25	68	54	14	1	61	76	-15	+20	R	1 41 p	3 25 p										.17	.10	+.07	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	25
26	76	50	26	2	63	76	-13	+7													0	.10	.10	.36	0	[illegible]	[illegible]	[illegible]	26
27	84	58	26	8	71	75	-4	+3													0	.10	[illegible]	[illegible]	[illegible]	[illegible]	0	0	27
28	77	63	14	0	71	75	-4	-1	R	10 30 a	10 43 a	R	12 57 p	1 12 p	R	1 46 p	3 37 p	R	6 07 p	7 21 p	.28	.11	+.17	.29	0	0	0	0	28
29	85	65	20	4	75	75	0	-1													0	.11	-.11	.40	0	0	0	0	29
30	88	66	22	2	77	75	+2	+1													0	.12	-.12	.52	0	0	0	0	30
31	85	65	20	[illegible]	75	75	0	+1	R	[illegible]											.53	.12	+.41	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	31
S...	2677	1995	682	106	2336	2325	Total excess or deficiency since January 1		(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	3.16	3.27	Total excess or deficiency since January 1.			(a)	(a)	(a)
M...	86.4	64.4	22.0	3.4	75.4	(a)		+16.41	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)			(a)	(a)	(a)	(a)	

All data are in the standard of time in local use. ‡ Use the following abbreviations: R—rain, S^d—dry snow, S^m—moist snow, H—hail, Si—sleet. †† T indicates trace of precipitation. ‡‡ Enter the local standard time of observation. * Inches and tenths.

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SUMMARY FOR THE MONTH OF July, 1911.

Data for pressure, dry and wet thermometers, dew-point, humidity, vapor pressure, and mean cloudiness are in 75th meridian time. All other data are in the standard of time in local use.

PRESSURE.

(Correction to reduce to a 24-hour mean -.026)

STATION. Mean. 8 a. m.	8 p. m.	Monthly. (g)	Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.	REDUCED. Mean. 8 a. m.	8 p. m.	Monthly. (g)	Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.
29.485			29.656	13"	28.956	23"	0.700	30.049			30.23	13"	29.52	23"	0.7
Corrected mean		29.459						Corrected mean		30.023	3,500-ft			10,000-ft	

TEMPERATURE.

MEAN. Dry. 8 a. m.	8 p. m.	(8+8)÷2 (g)	Wet. 8 a. m.	8 p. m.	Monthly. (g)	Max.	Min.	Monthly. (g)	Sea-level. (g)	3,500-ft. (g)	10,000-ft. (g)	Highest. (i)	Date. (i)	Lowest. (i)	Date. (i)	Absolute range.	Greatest daily range. (i)	Date. (i)	Least daily range. (i)	Date. (i)
69.3			63.4			86.4	64.4	75.4				101	3"	50	26"	51	33	22"	12	28"

Dew-point. 8 a. m.	8 p. m.	Monthly. (g)	Relative Humidity. 8 a. m.	8 p. m.	Monthly. (g)	Vapor Pressure. 8 a. m.	8 p. m.	Monthly. (g)	Number of days with—(j) Maximum. 32° or below.	90° or above.	Minimum. 32° or below.	Zero or below.
59.9			73.2			.532			0	11	0	0

WIND.

Total movement (mid. to mid.).	Average hourly velocity.	Prevailing direction. (p)	Maximum velocity. (r)	Direction. (r)	Date. (r)	Number of times wind observed from the— N.	NE.	E.	SE.	S.	SW.	W.	NW.	Calm.
4778	6.4	SW	31	NW	24"	3	4	2	2	5	8	4	3	0

WEATHER.

Mean Cloudiness. 8 a. m.	8 p. m.	Monthly. (t)	Sunshine. Percentage of possible.	Number of Days. Clear.	Partly cloudy.	Cloudy.	Number of Days with Precipitation (Mid. to Mid.). Clear. (u)	Partly cloudy. (u)	Cloudy. (u)
3.3		3.5	81	17	11	3	1	5	3

MISCELLANEOUS PHENOMENA.

Dates of—(Midnight to Midnight).

Frosts. Light.	Heavy.	Killing.	Thunderstorms. (v)	Winds. (40 miles or over.)	Solar Halos.	Lunar Halos.	Fog. Light.	Dense.	Haze. Light.	Dense.	Smoke. Light.	Dense.	Hail.	Aurora.
None	None	None	6-7-9-15-19-24-28-31	None	None	None	29-30	None	None	None	None	None	None	None

PRECIPITATION (in inches and hundredths). (m)

Total amount.	Greatest amount in 24 consecutive hours. Am't.	Date. (k)	Excessive. 2.50 inches in 24 hours. (l) * Am't.	Duration. h. m.	Date. (k)	1 inch per hour. (l) Am't.	Duration. h. m.	Date. (k)	Number of days with—(Mid. to Mid.). Trace.	.01 or more.	.04 or more.	.25 or more.	1.00 or more.	Total.	Snow. Trace or more.	.01 or more melted.	Snow. Total depth. (o)	Average depth at end of month.
3.16	.94	23"	None	—	—	None		—	3	9	9	5	0	12	0	0	0	0

(w) Maximum precipitation in 5 minutes .15, date 7"; 10 minutes .24, date 7"; 15 minutes .31, date 7";
30 minutes .42, date 7"; 1 hour .53, date 23"; 2 hours .58, date 23"

EXCESSIVE.

Date.	Total Duration. From—	To—	Total am't of precipitation.	Excessive Rate. Began—	Ended—	Am't before excessive began.	Accumulated Depths during Excessive Rate, for Consecutive Periods of Time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
7"	6:23 pm	7:40 pm	0.43	6:27 pm	6:47 pm	.01	.12	.17	.30	.40										

*The duration is the time precipitation was actually recorded.

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Prepared by S. P. Peterson

S. P. Peterson, Observer, Weather Bureau.

(6)

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at La Salle, Ill., for the Month of July, 1911.

Number of Station barometer, 597; sum of corrections, -.005 inch.

Date.	Special observations.																									Date.
	Time.		Barometer.					Thermometers.						Wind.					Clouds.							
	75th Mer.	Local (standard).	Attached thermometer.	Observed reading.	Total correction.	Station. (Observed reading plus total cor.)	Reduced to sea-level.	Dry.	Wet.	Dew-point.	Depression of the dew-point.	Relative humidity.	Maximum thermometer.	Direction.	Velocity. †	Max. since last observation.	Direction.	Precipitation. ††	Am't.	Kind.	Dir. from.	State of Weather.	Special Phenomena.	Initials of Observer.	
23	4:15p	3:15p	78.0	29.091	-.135	28.956	29.52	77.0	69.0	69	1	95	73.0	SW	3	15	S	.94	10	St Cu	W	Cloudy	Rain	[illegible]	
28	4:00p	3:00p	76.5	29.473	-.133	29.340	29.90	69.4	64.4	61	8	77	76.6	S	22	24	SW	.05	10	Nb	SW	Sprinkling	Rain	[illegible]	

If additional space is required, rule a sheet similar to this, and paste to this margin. † By dial when self-register is out of order. †† T indicates trace of precipitation. 8—154

Form No. 1001—Met'l. (1911 edition.)

U. S. DEPARTMENT OF AGRICULTURE,

WEATHER BUREAU.

ORIGINAL MONTHLY RECORD

OF

OBSERVATIONS

AT

Ill. Sta Co, Illinois

For the Month of August, 1911

* Station is supplied with a barograph, thermograph, sunshine recorder, and self-recording rain gage.

† No. of dry thermometer in use, ...; No. of wet thermometer in use, ...; No. of maximum thermometer in use, ...; No of minimum thermometer in use, ...

† Elevation above ground of the dry thermometer, ... feet; rain gage, ... feet; anemometer, ... feet.

If the office has been moved during the month, give date ....; amount of change in height of barometer, ... feet (higher or lower).

No. of extra barometer, 600; sum of corrections, -.011; date and observation upon which use of station barometer commenced, 8 00 am Nov. 19, 1904; station elevation, 536 feet; actual elevation, 536 feet.

Location of office: Number 221 Harding street, rooms #210 & 211; first observation taken in present office, 8 00 am. Nov. 19, 1904.

* Cancel words that are not appropriate. † To be entered only in December unless changes are made during the year. Changes made during the year will be noted in the appropriate months. 8—154

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fa[illegible], D.C., for the Month of August, 1911

Number of Station barometer, 597; sum of corrections, −.005 inch.

OBSERVATIONS AT 8 A. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7.00 A. M. 90° MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7.04 A. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-reg. ther's. Max. (b)	Self-reg. ther's. Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 a. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.		Intervals of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In							
1	81.0	29.385	.144	29.241	29.79	67.1	65.6	65	92	.616	85.0	65.1	SW	5			1.20	9	St	SW	Cloudy		S.P.P.	1
2	78.5	29.561	.138	29.423	29.99	62.0	59.5	58	57	.482	81.8	60.7	W	4			0	1 2	Ci St	NW	Clear		S.P.P.	2
3	75.5	29.603	.130	29.473	30.04	63.4	59.4	57	79	.465	80.3	59.3	E	7			0	5	Ci St	W	Pt Cldy		S.P.P.	3
4	80.5	29.533	.143	29.390	29.96	69.1	67.1	66	90	.638	85.2	63.4	SW	6			.19	1	Ci St	W	Clear		S.P.P.	4
5	80.5	29.547	.143	29.404	29.96	69.4	66.9	65	88	.616	87.4	64.4	S	1			0	2	Ci St	SW	[illegible]		[illegible]	5
6	81.0	29.589	.145	29.444	30.00	69.0	66.0	64	86	.595	89.2	63.8	NE	4			0	few	Ci St	W	Clear		[illegible]	6
7	83.0	29.431	.150	29.281	29.83	67.0	65.5	65	92	.616	91.7	66.8	SE	8	28	W	.33	10	Nb	SW	Lt rain		S.P.P.	7
8	83.5	29.531	.151	29.380	29.94	69.6	66.1	65	83	.616	88.0	66.0	NW	5			0	0	0	0	Clear		S.P.P.	8
9	81.5	29.611	.146	29.465	30.03	68.5	65.0	64	83	.595	85.3	64.3	E	4			0	1	Cu St	W	Clear		S.P.P.	9
10	78.0	29.642	.138	29.504	30.06	72.3	66.8	64	75	.575	86.0	65.2	S	5			.005	9	As St	NW	Cloudy		[illegible]	10
11	80.5	29.683	.144	29.544	30.10	68.3	67.3	67	95	.661	89.7	66.9	SE	6			1.17	10	Ns St	SW	Sprinkling		[illegible]	11
12	73.5	29.704	.126	29.578	30.15	66.2	65.4	65	96	.616	72.6	63.7	E	6			.22	4 4	St Cu St Cu	NW NW	Cloudy		[illegible]	12
13	76.5	29.697	.134	29.563	30.13	70.7	69.2	69	93	.701	83.6	66.2	E	5			0	10	St	E	Cloudy		S.P.P.	13
14	80.0	29.637	.143	29.494	30.05	70.8	69.3	69	93	.707	87.5	69.3	SW	1			0	few	Ci St	W	Clear		[illegible]	14
15	82.5	29.599	.149	29.450	30.01	70.7	67.7	67	86	.661	88.9	67.5	NW	4			0	0	0	0	Clear		S.P.P.	15
16	83.0	29.598	.150	29.448	30.01	69.6	66.6	65	86	.616	88.9	67.3	S	1			0	1	Ci St	SW	Clear		S.P.P.	16
17	83.0	29.543	.150	29.393	29.95	71.2	68.7	67	88	.661	73.5	69.6	NW	1			0	10	As St	NW	Cloudy		[illegible]	17
18	80.5	29.661	.144	29.517	30.09	67.0	63.0	61	80	.536	84.3	63.9	NW	3			0	1 2	Cu As St	NW NW	Clear		[illegible]	18
19	76.0	29.719	.132	29.587	30.16	59.0	57.3	57	91	.465	81.3	56.4	NE	2			0	1	Ci St	W	Clear		S.P.P.	19
20	73.0	29.689	.124	29.565	30.13	58.0	56.0	55	89	.432	76.7	54.8	E	1			0	2	As St	NW	Clear		S.P.P.	20
21	72.5	29.579	.122	29.457	30.03	59.1	55.1	52	78	.387	79.0	55.0	SE	3			0	10	As St	NW	Cloudy		[illegible]	21
22	76.5	29.529	.133	29.396	29.97	68.0	66.5	66	93	.638	83.0	57.1	W	7			.11	6 4	As St Cu St	W W	Cloudy		S.P.P.	22
23	72.0	29.520	.122	29.398	30.27	56.7	54.2	53	85	.402	77.2	55.0	NE	3			0	6 3	As St Cu St Cu	W NE	Cloudy		[illegible]	23
24	68.5	29.705	.113	29.571	30.16	58.3	57.3	56	94	.441	70.1	56.7	NE	5			.17	6 4	As St	W NW	[illegible]		[illegible]	24
25	67.5	29.617	.109	29.508	30.08	54.0	54.0	54	100	.417	67.7	52.7	NE	1			0	0	0	0	Fog		[illegible]	25
26	68.0	29.621	.110	29.511	30.08	58.0	56.0	55	87	.432	75.0	54.0	SE	2			0	1	Cu	W	[illegible]		[illegible]	26
27	72.0	29.538	.121	29.417	29.99	63.0	61.5	61	92	.536	77.7	58.0	S	3			0	7 4	Ci St As Cu	W NW	Pt Cldy		S.P.P.	27
28	75.5	29.668	.131	29.537	30.11	60.4	56.9	54	81	.417	86.0	60.4	S	5			0	5	As St	NW	Cloudy		[illegible]	28
29	68.0	29.337	.111	29.226	30.30	53.4	48.9	45	73	.298	72.8	44.4	NE	7			0	2	St Cu	NE	Clear		S.P.P.	29
30	66.0	29.763	.106	29.657	30.22	51.7	50.2	49	91	.347	70.5	49.1	NE	5			0	[illegible]	0	[illegible]	[illegible]		[illegible]	30
31	67.5	29.634	.110	29.524	30.09	54.3	53.0	52	92	.387	72.8	51.7	NE	1			0	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	31
Sums	(a)	(a)	914.166	931.69	1985.8	1912.0	1872	1720	46.605	(a)	(a)	(a)	126	(a)	(a)	5.54	145	(a)	(a)	(a)	(a)		(a)	(a)
Means	(a)	(a)	29.487	30.055	64.1	61.7	60.4	57.7	.536	(a)	(a)	(a) NE	4.1	(a)	(a)	(a)	4.7	(a) Cu As St	(a) NE	(a)	(a)		(a)	(a)

Reference letters in this form refer to paragraph 122, "Instructions for Preparing Meteorological Forms."

† By dial when self-register is out of order. †† T indicates trace of precipitation.

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ORIGINAL MONTHLY RECORD OF OBSERVATIONS at La Salle, Ill., for the Month of August, 1911

Number of Station barometer, 597; sum of corrections, -.005 inch.

OBSERVATIONS AT 8 P. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7.00 P. M. 90° MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7.04 P. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-reg. ther's. Max. (b)	Self-reg. ther's. Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 p. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.	Fog, Mid. to Mid. (local standard time). Light. (f)	Fog, Mid. to Mid. (local standard time). Dense. (f)	Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.								
1																	0								1
2																	0								2
3																									3
4																									4
5																	T								5
6																	0								6
7																	T								7
8																	0								8
9																	.29								9
10																	0								10
11																	T								11
12																	1.05								12
13																	0								13
14																	0								14
15																	0								15
16																	0								16
17																	T								17
18																									18
19																									19
20																									20
21																									21
22																									22
23																									23
24																									24
25																	0				Dra to 7:15a	6:30a to 7:00a	6:30a 7:15a		25
26																	0					Dra to 8:00a			26
27																									27
28																									28
29																									29
30																	0								30
31																	0					Dra to 7:45a			31
Sums		(a)	(a)								(a)	(a)	(a)		(a)	(a)	1.44		(a)	(a)	(a)	3	1	(a)	(a)
Means		(a)	(a)								(a)	(a)	(c)		(a)	(a)	(a)		(c)	(c)	(a)	(a)	(a)	(a)	(a)

Observations are begun about 7.40 o'clock, 75th meridian time.

† By dial when self-register is out of order. †† T indicates trace of precipitation.

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ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Washington, D.C., for the Month of August, 1911

Date.	Temperature. Maximum. (b)	Minimum. (b)	Range. (b)	Change. (b)	Mean. (Max. and Min.) (b)	Normal.	Departure.	Total excess or deficiency since 1st of month.	Precipitation. Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Total (Mid. to mid.). (b) ††	Normal.	Departure.	Total excess or deficiency since 1st of month.	Hail and sleet unmelted. ⊼ p.m. to ⊼ p.m. * ‡‡	Snow unmelted. ⊼ p.m. to ⊼ p.m. * ‡‡	Hail, sleet, and snow on ground at ⊼ p.m. * ‡‡	Amount of precipitation from melted snow (mid. to mid.).	Date.
	°	°	°	°	°																In.				In.	In.	In.	In.	
Tuesday 1	82	65	17	1	74	75	−1	−1	R	----	DHa										.67	.11	+.56	+.56	0	0	0	0	1
2	80	61	19	4	71	75	−5	−6													0	.10	−.10	+.46	0	0	0	0	2
3	85	59	26	2	72	75	−3	−9	R	8^04p	DHp										.19	.09	+.10	+.56	0	0	0	0	3
4	87	68	19	6	78	74	+4	−5													0	.09	−.09	+.47	0	0	0	0	4
5	89	64	25	2	76	74	+2	−3	R	2^48p	3^07p										T	.09	−.09	+.38	0	0	0	0	5
6	82	54	28	2	68	74	+4	−1													0	.08	−.08	+.40	0	0			6
7	88	66	22	1	77	74	+3	+4	R	4^45a	7^08a										.33	.08	+.25	+.55	0	0	0	0	7
8	85	69	16	0	77	74	+3	+7													0	.07	−.07	+.48	0	0	0	0	8
9	86	64	22	2	75	74	+1	+8	R	12^58p	4^10p										.39	.07	+.32	+.80	0	0	0	0	9
10	90	66	24	3	78	73	+5	+13	R	DHa	DHa										.05	.07	−.02	+.78	0	0	0	0	10
11	73	64	9	10	68	73	−5	+8	R R	2:00a 6:17a	DHa 6:20a	R	6^41a	7^03a	R	8^25a	9^56a	R	DHp	----	1.26	.07	+1.19	+1.97	0	0	0	0	11
12	84	64	20	6	74	73	+1	+9	R	---	DHa	R	8^05a	9^42a							3.18	.07	+3.11	+5.08	0	0	0	0	12
13	88	71	17	6	80	73	+7	+16													0	.08	−.08	+5.00	0	0	0	0	13
14	89	69	20	1	79	73	+6	+22													0	.08	−.08	+4.92	0	0	0	0	14
15	89	68	21	1	78	72	+6	+28													0	.09	−.09	+4.83	0	0	0	0	15
16	94	67	27	2	80	72	+8	+36													0	.09	−.09	+4.74	0	0	0	0	16
17	84	70	14	3	77	72	+5	+41	R	8^16a	8^24a										T	.10	−.10	+4.64	0	0	0	0	17
18	81	62	19	5	72	72	0	+41													0	.10	−.10	+4.54	0	0	0	0	18
19	77	56	21	6	66	72	−6	+35													0	.10	−.10	+4.44	0	0	0	0	19
20	79	55	24	1	67	71	−4	+31													0	.11	−.11	+4.33	0	0	0	0	20
21	83	59	24	4	71	71	0	+31													0	.11	−.11	+4.22	0	0	0	0	21
22	77	62	15	1	70	71	−1	+30	R	DHa	DHa										.11	.11	0	+4.22	0	0	0	0	22
23	70	55	15	8	62	70	−8	+22	R	[illegible]											.16	.11	+.05	[illegible]	0	0	0	0	23
24	68	58	10	1	63	70	−7	+15	R	[illegible]	[illegible]										.11	.11	[illegible]	[illegible]	0	0	0	0	24
25	70	[illegible]	22	1	64	70	−6	+9													0	.11	−.11	[illegible]	0	0	0	0	25
26	80	56	24	4	68	70	−2	+7													0	.10	−.10	[illegible]	0	0	0	0	26
27	86	62	24	6	74	70	+4	+11													0	.10	−.10	[illegible]	0	0	0	0	27
28	73	55	18	10	64	69	−5	+6													0	.10	−.10	[illegible]	0	0	0	0	28
29	[illegible]	[illegible]	21	4	[illegible]	69	−9	−3													0	.09	−.09	[illegible]	0	0	0	0	29
30	74	47	27	0	60	69	−9	−12													0	.09	[illegible]	[illegible]	0	0	0	0	30
31	84	54	30	9	69	68	+1	−11													0	.09	−.09	[illegible]	0	0	0	0	31
S	2542	1902	640	112	[illegible]	[illegible]		Total excess or deficiency since January 1,	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	6.45	[illegible]	Total excess or deficiency since January 1,		0	0	(a)	(a)	(a)
M	82.0	61.4	20.6	3.6	71.6	(a)		+640	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	−[illegible]		(a)	(a)	(a)	(a)	(a)

All data are in the standard of time in local use. ‡ Use the following abbreviations: R—rain, S^d—dry snow, S^m—moist snow, H—hail, Sl—sleet. †† T indicates trace of precipitation. ‡‡ Enter the local standard time of observation. * Inches and tenths.

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SUMMARY FOR THE MONTH OF August, 191

Data for pressure, dry and wet thermometers, dew-point, humidity, vapor pressure, and mean cloudiness are in 75th meridian time. All other data are in the standard of time in local use.

PRESSURE.

(Correction to reduce to a 24-hour mean -.025")

STATION. Mean. 8 a. m.	8 p. m.	Monthly. (g)	Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.	REDUCED. Mean. 8 a. m.	8 p. m.	Monthly. (g)	Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.
29.489			29.726	29"	29.241	1"	0.485	30.055			30.30	29"	29.79	1"	0.51
Corrected mean		29.465						Corrected mean		30.031	3,500-ft			10,000-ft	

TEMPERATURE.

MEAN. Dry. 8 a. m.	8 p. m.	(8+8)÷2 (g)	Wet. 8 a. m.	8 p. m.	Monthly. (g)	Max.	Min.	Monthly. (g)	Sea-level. (g)	3,500-ft. (g)	10,000-ft. (g)	Highest. (i)	Date. (i)	Lowest. (i)	Date. (i)	Absolute range.	Greatest daily range. (i)	Date. (i)	Least daily range. (i)	Date. (i)
64.1			61.7			82.0	61.4	71.7				94	16"	47	30"	47	30	31"	9	11"

Dew-point. 8 a. m.	8 p. m.	Monthly. (g)	Relative Humidity. 8 a. m.	8 p. m.	Monthly. (g)	Vapor Pressure. 8 a. m.	8 p. m.	Monthly. (g)	Number of days with—(j) Maximum. 32° or below.	90° or above.	Minimum. 32° or below.	Zero or below.
60.4			87.7			.536			0	2	0	0

WIND.

Total movement (mid. to mid.).	Average hourly velocity.	Prevailing direction. (p)	Maximum velocity. (r)	Direction. (r)	Date. (r)	Number of times wind observed from the— N.	NE.	E.	SE.	S.	SW.	W.	NW.	Calm.
4013	5.4	NE	37	NW	9"	1	8	5	4	4	3	2	4	0

WEATHER.

Mean Cloudiness. 8 a. m.	8 p. m.	Monthly. (t)	Sunshine. Percentage of possible.	Number of Days. Clear.	Partly cloudy.	Cloudy.	Number of Days with Precipitation (Mid. to Mid.). Clear. (u)	Partly cloudy. (u)	Cloudy. (u)
4.7		4.2	74	13	14	4	1	5	4

MISCELLANEOUS PHENOMENA.

DATES OF—(MIDNIGHT TO MIDNIGHT).

Frosts. Light.	Heavy.	Killing.	Thunderstorms. (v)	Winds. (40 miles or over.)	Solar Halos.	Lunar Halos.	Fog. Light.	Dense.	Haze. Light.	Dense.	Smoke. Light.	Dense.	Hail.	Aurora.
None	None	None	1-5-7-9-10-11-12-14-16-	None	None	None	25"-26"-31"	25"	None	None	None	None	None	None

PRECIPITATION (in inches and hundredths). (m)

Total amount.	Greatest amount in 24 consecutive hours. Am't.	Date. (k)	Excessive. 2.50 inches in 24 hours. (l) * Am't.	Duration. h. m.	Date. (k)	1 inch per hour. (l) Am't.	Duration. h. m.	Date. (k)	Number of days with—(Mid. to Mid.). Trace.	.01 or more.	.04 or more.	.25 or more.	1.00 or more.	Total.	Snow. Trace or more.	.01 or more melted.	Snow. Total depth. (o)	Average depth at end of month.
6.45	3.27	11"-12"	3.27 / ~~4.44~~	5:06 / ~~8:00~~	11"-12"	1.39 / 1.00	0-54 / 0-41	12" / 12"	2	10	10	5	2	12	0	0	0	0

(w) Maximum precipitation in 5 minutes .30, date 12"; 10 minutes .47, date 12"; 15 minutes .59, date 12";
30 minutes .90, date 12"; 1 hour 1.47, date 12"; 2 hours 2.03, date 12

EXCESSIVE.

Date.	Total Duration. From—	To—	Total am't of precipitation.	Excessive Rate. Began—	Ended—	Am't before excessive began.	Accumulated Depths during Excessive Rate, for Consecutive Periods of Time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
11"	2:00a	Dka	1.17	2:30a	2:39a	0.21	.22	~~.29~~ .30												
12"	~~Dkp 11"~~	Dka 12"	2.22	12:13a	1:52a	0.10	.11	.22	.30	.32	.37	.42	.48	.51	.59	.77	1.00	1.63	1.97	
12"	8:05a	9:42a	1.05	8:05a	8:36a	0.00	.21	.43	.49	.62	.76	.90	~~.91~~							

*The duration is the time precipitation was actually recorded.

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Prepared by S. P. Peterson. S. P. Peterson, Observer, Weather Bureau.

(6)

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at La Salle, Ill., for the Month of August, 1911.

Number of Station barometer, 597; sum of corrections, .005 inch.

Date.	Special observations. Time. 75th Mer.	Local (standard).	Barometer. Attached thermometer.	Observed reading.	Total correction.	Station. (Observed reading plus total cor.)	Reduced to sea-level.	Thermometers. Dry.	Wet.	Dew-point.	Depression of the dew-point.	Relative humidity.	Maximum thermometer.	Wind. Direction.	Velocity. †	Max. since last observation.	Direction.	Precipitation. ††	Clouds. Am't.	Kind.	Dir. from.	State of Weather.	Special Phenomena.	Initials of Observer.	Date.
9"	2:40p	1:40p	79.0	29.762	-141	29.621	30.19	67.2	66.2	65	2	95	86.0	NW	5	37	NW	.15	10	Nb	NW	Rain	Rain	[illegible]	

If additional space is required, rule a sheet similar to this, and paste to this margin. † By dial when self-register is out of order. †† T indicates trace of precipitation.

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Form No. 1001—Met'l. (1911 edition.)

U. S. DEPARTMENT OF AGRICULTURE,

WEATHER BUREAU.

ORIGINAL MONTHLY RECORD

OF

OBSERVATIONS

AT

La Salle, Illinois

For the Month of September, *191*1

* Station is supplied with a barograph, thermograph, sunshine recorder, and self-recording rain gage.

† No. of dry thermometer in use, ...; No. of wet thermometer in use, ...; No. of maximum thermometer in use, ...; No of minimum thermometer in use, ...

† Elevation above ground of the dry thermometer, ... feet; rain gage, ... feet; anemometer, ... feet.

If the office has been moved during the month, give date ....; amount of change in height of barometer, ... feet (higher or lower).

No. of extra barometer, 600; sum of corrections, -.011; date and observation upon which use of station barometer commenced, 8 am Nov. 19, 1904; station elevation, 536 feet; actual elevation, 536 feet.

Location of office: Number 221 Gooding street, rooms 210 & 211; first observation taken in present office, 8 a m. Nov. 19, 19..

* Cancel words that are not appropriate. † To be entered only in December unless changes are made during the year. Changes made during the year will be noted in the appropriate months. 8—154

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at La Salle, Ill., for the Month of September, 1911

Number of Station barometer, 597; sum of corrections, -.005 inch.

OBSERVATIONS AT 8 A. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7:00 A. M. 90TH MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7:04 A. M. LOCAL MEAN TIME.

Date	Barometer: Attached thermometer.	Barometer: Observed reading.	Barometer: Total correction.	Barometer: Station. (Observed reading plus total cor.)	Barometer: Reduced to sea-level.	Thermometers: Dry.	Thermometers: Wet.	Dew-point.	Relative humidity.	Vapor pressure.	Self-reg. ther's: Max.	Self-reg. ther's: Min.	Wind: Dir.	Wind: Velocity.	Wind: Max. during preceding 12 hours.	Wind: Dir.	Precipitation: Amt. at 8 a. m.	Clouds: Amt.	Clouds: Kind.	Clouds: Dir. from.	State of Weather.		Initials of observer	Date
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.							
1	72.5	29.636	-.123	29.513	30.08	59.8	57.8	57	89	.465	84.3	54.3	W	1			0	0 Ft	fog	W	Clear		S.P.P.	1
2	78.5	29.530	-.138	29.392	29.95	71.5	65.5	62	73	.555	92.0	59.8	SW	5			0	few	ci St	NW	Clear		S.P.P.	2
3	78.0	29.768	-.138	29.630	30.20	61.4	59.4	58	89	.482	90.7	57.4	NE	7			0	1 / 2	ac cu / ci St	NW / NW	Clear		S.P.P.	3
4	71.5	29.688	-.120	29.568	30.14	59.3	53.8	49	70	.347	77.0	54.8	E	8			0	3 / 2	ci St / ac St	NW / NW	Pt Cldy		S.P.P.	4
5	75.5	29.448	-.130	29.318	29.88	67.0	66.0	65	95	.616	84.7	59.3	SW	4			.05	10	ac St	SW	Cloudy		S.P.P.	5
6	75.5	29.562	-.130	29.432	30.00	62.0	59.5	58	87	.482	84.0	59.3	NE	6			0	10	St	NE	Cloudy		S.P.P.	6
7	72.0	29.543	-.121	29.422	29.99	64.3	63.3	62	95	.555	73.7	61.3	E	3	35	SE	1.90	10	ac St	SW	Cloudy		S.P.P.	7
8	71.0	29.786	-.119	29.667	30.24	61.6	61.1	61	97	.536	75.7	60.7	N	3			T	10 / Ft	St cu / fog	W / W	Sprinkling		[illegible]	8
9	70.5	29.806	-.118	29.688	30.26	63.8	62.8	62	95	.555	75.0	61.3	NE	4			0	10 / Ft	St / fog	NE / NE	Cloudy		S.P.P.	9
10	73.0	29.675	-.124	29.551	30.12	67.8	65.8	65	90	.616	80.9	63.0	SE	2			0	3 / 4	ci St / ac St	N / W	Pt Cldy		S.P.P.	10
11	73.0	29.518	-.123	29.395	29.97	64.0	64.0	64	100	.595	75.1	63.0	0	0			0	0 / Dense fog	0 /	0 /	Foggy		[illegible]	11
12	74.0	29.582	-.126	29.456	30.03	63.1	61.1	60	90	.517	82.0	62.5	NE	8	[illegible]	NE	.63	1	Sc	NE	[illegible]		[illegible]	12
13	67.5	29.647	-.110	29.537	30.11	55.7	54.2	53	91	.402	70.0	55.7	E	11			.05	10	ac St	NW	Cloudy		S.P.P.	13
14	68.0	29.585	-.110	29.475	30.05	57.0	57.7	57	93	.465	71.5	55.7	E	14			.02	10	St	E	Cloudy		S.P.P.	14
15	75.5	29.508	-.130	29.378	29.95	71.0	70.7	70	97	.732	89.7	58.6	SE	1			.19	10 / Ft	St / fog	SE / SE	Cloudy		S.P.P.	15
16	76.5	29.606	-.125	29.481	30.05	59.4	59.4	59	100	.499	78.6	57.7	W	1			0	0 / Dense fog	0 /	0 / W	Foggy		S.P.P.	16
17	73.5	29.505	-.125	29.380	29.95	65.2	64.7	64	97	.595	84.3	59.4	E	5			.07	10	Nb	E	Rain		S.P.P.	17
18	75.5	29.477	-.130	29.347	29.92	69.0	68.0	68	95	.684	84.0	65.2	NE	6			.26	10	St	NE	Cloudy		[illegible]	18
19	71.0	29.710	-.119	29.591	30.16	53.7	52.2	51	91	.373	74.7	52.1	NW	8			0	few / 3	ci / ac	W / W	Clear		S.P.P.	19
20	66.5	29.725	-.107	29.618	30.19	52.4	50.4	48	88	.334	70.3	49.5	E	3			0	5	ac St	NW	Cloudy		[illegible]	20
21	67.0	29.455	-.107	29.348	29.92	58.[illegible]	[illegible]	57	97	.465	67.0	57.4	W	4			.50	10	St	W	Cloudy		[illegible]	21
22	65.0	29.886	-.104	29.782	30.36	48.6	48.6	47	100	.347	68.7	48.6	NW	1			0	Ft / 0	fog / 0	NW / 0	Clear		[illegible]	22
23	66.5	29.737	-.107	29.630	30.20	54.7	53.7	53	94	.402	75.3	48.6	SE	4			0	Ft / 0	fog / 0	SE / 0	Clear		[illegible]	23
24	69.5	29.598	-.114	29.484	30.05	63.8	61.8	61	90	.536	77.4	54.7	E	5			T	1 / 3	Ec St / Stc	W / NW	Cloudy		[illegible]	24
25	68.5	29.653	-.112	29.541	30.11	58.4	58.2	58	97	.482	71.0	58.4	NE	4			.10	10	St	NE	Mist		[illegible]	25
26	65.0	29.856	-.103	29.753	30.33	54.3	51.8	50	85	.360	64.7	53.3	NE	5			T	3 / 3	ci St / St cu	NW / NE	Pt Cldy		[illegible]	26
27	67.0	29.477	-.107	29.370	29.96	72.0	69.0	68	86	.684	72.0	63.5	W	16			T	5 / 4	ac St / St cu	SW / SW	Cloudy		[illegible]	27
28	71.0	29.655	-.119	29.536	30.11	57.8	56.3	56	91	.448	82.0	57.8	E	10			.03	10	Nb	E	Light rain		S.P.P.	28
29	71.0	29.533	-.118	29.415	29.99	56.3	53.8	52	85	.387	71.6	56.3	W	5			1.34	1	ci St	W	Clear		S.P.P.	29
30	63.0	29.771	-.098	29.673	30.24	44.3	43.3	42	93	.266	68.3	43.0	NE	4			0	4	ci St	NW	Pt Cldy		S.P.P.	30
31																								31
Sums	(a)	(a)		885.391	902.51	1819.4	1771.6	1739	2744	14.782	(a)	(a)	(a)	155	(a)	(a)	5.14	185	(a)	(a)	(a)		(a)	(a)
Means	(a)	(a)		29.513	30.084	60.6	59.1	58.0	91.5	.493	(a)	(a) 8	(a) NE	5.3	(a)	(a)	(a)	6.1	(a) ESE	(a) NW	(a)		(a)	(a)

Reference letters in this form refer to paragraph 122, "Instructions for Preparing Meteorological Forms."

† By dial when self-register is out of order. †† T indicates trace of precipitation.

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ORIGINAL MONTHLY RECORD OF OBSERVATIONS at La Salle, Ill., for the Month of September, 1911

Number of Station barometer, 597; sum of corrections, [illegible] inch.

OBSERVATIONS AT 8 P. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7:00 P. M. 90° MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7:00 P. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-reg. ther's. Max. (b)	Self-reg. ther's. Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 p. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.	Fog, Mid. to Mid. (local standard time). Light. (f)	Fog, Mid. to Mid. (local standard time). Dense. (f)	Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.								
1																	0					DHa			1
2																	0								2
3																	0								3
4																	0								4
5																	.02								5
6																	T								6
7																	T								7
8																	T					DHa			8
9																	0					DHa to 10:00a			9
10						70.2											.55					DHa to 12:00m			10
11																	0				12:00m to 8:50a	DHa to 10:30a	DHa to 8:50a		11
12																	0								12
13																	0								13
14																	0								14
15																	T					DHa to 7:05a			15
16																	0					DHa to 8:00a	7:05a		16
17																	.02								17
18																	0								18
19																	0								19
20																	0								20
21																	0								21
22																	0					DHa to 6:35a	6:35a		22
23																	0								23
24						66.4											.29								24
25						57.3											.01								25
26																	0								26
27																	.07								27
28																	.17								28
29																	0								29
30																	0								30
31																									31
Sums		(a)	(a)								(a)	(a)	(a)		(a)	(a)	2.23		(a)	(a)	(a)	7	3	(a)	(a)
Means		(a)	(a)								(a)	(a)	(c)		(a)	(a)	(a)		(c)	(c)	(a)	(a)	(a)	(a)	(a)

Observations are begun about 7.40 o'clock, 75th meridian time.

† By dial when self-register is out of order. †† T indicates trace of precipitation.

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ORIGINAL MONTHLY RECORD OF OBSERVATIONS at La Salle, Ill., for the Month of September, 1911

Date.	Temperature: Maximum. (b)	Minimum. (b)	Range. (b)	Change. (b)	Mean. (Max. and Min.) (b)	Normal.	Departure.	Total excess or deficiency since 1st of month.	Precipitation: Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Total (Mid. to mid.). (b) ††	Normal.	Departure.	Total excess or deficiency since 1st of month.	Hail and sleet unmelted. * p. m. to * p. m. ‡‡	Snow unmelted. * p. m. to * p. m. ‡‡	Hail, sleet, and snow on ground at * p. m. ‡‡	Amount of precipitation from hail, sleet, snow (incl. to mid.).	Date
	°	°	°	°	°																In.				In.	In.	In.	In.	
1	92	60	32	7	76	68	+ 8	+ 8													0	.09	-.09	-.09	0	0	0	0	1
2	91	64	27	2	78	68	+10	+18													0	.08	-.08	-.17	0	0	0	0	2
3	77	57	20	11	67	68	- 1	+17													0	.08	-.08	-.25	0	0	0	0	3
4	85	55	30	3	70	67	+ 3	+20	R	DUp	---										.04	.09	-.05	-.30					4
5	84	64	20	4	74	67	+ 7	+27	R	---	DUa	R	6 30 a	6 35 a	R	7 15 a	8 45 a				.03	.10	-.07	-.37					5
6	74	59	15	8	66	67	- 1	+26	R	7 30 a	7 45 a	R	7 20 p	---							1.87	.10	+1.77	+1.40					6
7	76	63	13	4	70	67	+ 3	+29	R	---	DUa	R	9 38 a	10 05 a							.03	.10	-.07	+1.33	0	0	0	0	7
8	75	61	14	2	68	66	+ 2	+31	R	6 43 a	7 25 a										T	.10	-.10	+1.23	0	0	0	0	8
9	81	63	18	4	72	66	+ 6	+37													0		-.10	+1.13					9
10	75	66	9	2	70	66	+ 4	+41	R	7 30 a	12 55 p										1.55	.11	+1.44	+2.57					10
11	82	62	20	2	72	65	+ 7	+48	R	9 30 p	9 35 p	R+H	9 35 p	9 40 p	R	9 40 p	DUp				.63	.11	+.52	+3.09	0	0	0	0	11
12	70	59	11	8	64	65	- 1	+47	R	10 45 p	---										.01	.11	-.10	+2.99	T	0	0	0	12
13	72	56	16	0	64	65	- 1	+46	R	---	DUa										.04	.11	-.07	+2.92	0	0	0	0	13
14	70	59	11	10	74	64	+10	+56	R	DUa	DUa	R	8 25 p	---							.06	.11	-.05	+2.87					14
15	79	65	14	2	72	64	+ 8	+64	R	---	DUa	R	1 02 p	1 07 p							.15	.10	+.05	+2.92	0	0	0	0	15
16	84	58	26	1	71	64	+ 7	+71													0	.10	-.10	+2.82	0	0	0	0	16
17	84	64	20	3	74	64	+10	+81	R	DUa	7 05 a	R	8 44 a	9 45 a	R	DUp	---				.20	.10	+.10	+2.92	0	0	0	0	17
18	77	60	17	6	68	63	+ 5	+86	R	---	DUa										.25	.10	+.15	+3.07	0	0	0	0	18
19	70	52	18	7	61	63	- 2	+84													0	.10	-.10	+2.97	0	0	0	0	19
20	69	50	19	1	60	63	- 3	+81	R	8 15 p	---										.04	.11	-.07	+2.90	0	0	0	0	20
21	69	57	12	3	63	62	+ 1	+82	R	---	DUa										.46	.11	+.35	+3.25					21
22	75	49	26	1	62	62	0	+82													0	.11	-.11	+3.14	0	0	0	0	22
23	77	54	23	4	66	62	+ 4	+86													0	.11	-.11	+3.03	0	0	0	0	23
24	71	60	11	6	66	61	+ 5	+91	R	6 00 a	6 35 a	R	12 25 p	2 45 p	R	3 40 p					.37	.11	+.26	+3.29	0	0	0	0	24
25	62	56	6	7	59	61	- 2	+89	R	---	9 00 a	R	9 35 a	12 20 p	R	4 20 p	8 15 p				.03	.12	-.09	+3.20	0	0	0	0	25
26	66	53	13	1	60	60	0	+89													0	.12	-.12	+3.08	0	0	0	0	26
27	82	66	16	14	74	60	+14	+103	R	6 05 a	6 10 a	R	7 03 a	7 06 a	R	8 02 a	8 05 a				.07	.13	-.06	+3.02					27
28	72	57	15	10	64	60	+ 4	+107	R	DUa	10 15 a	R	2 20 p	4 20 p	R	7 45 p	DUp				1.54	.13	+1.41	+4.43	0	0	0	0	28
29	70	49	21	4	60	59	+ 1	+108													0	.13	-.13	+4.30	0	0	0	0	29
30	59	43	16	7	51	59	- 8	+100	R	7 45 p	---										.05	.13	-.08	+4.22	0	0	0	0	30
31																													31
S.	2270	1741	549	140	2016		Total excess or deficiency since January 1, + 4[illegible]		(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	7.45		Total excess or deficiency since January 1, + 4.5		T	(a)	(a)	(a)	(a)
M.	76.3	58.0	18.3	4.7	67.2	(a)			(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)			(a)	(a)	(a)	(a)	(a)

All data are in the standard of time in local use. ‡ Use the following abbreviations: R—rain, Sd—drifting snow, S—modest snow, H—hail, Sl—sleet. †† T indicates trace of precipitation. ‡‡ Enter the local standard time of observation. * Inches and tenths.

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SUMMARY FOR THE MONTH OF September, 1911

Data for pressure, dry and wet thermometers, dew-point, humidity, vapor pressure, and mean cloudiness are in 75th meridian time. All other data are in the standard of time in local use.

PRESSURE.

(Correction to reduce to a 24-hour mean -.026)

STATION. Mean. 8 a. m.	8 p. m.	Monthly. (g)	Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.	REDUCED. Mean. 8 a. m.	8 p. m.	Monthly. (g)	Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.
29.513			29.782	22"	29.210	14"	0.572	30.084			30.36	22"	29.77	14"	0.59
Corrected mean		29.492						Corrected mean		30.063	3,500-ft			10,000-ft	

TEMPERATURE.

Mean. Dry. 8 a. m.	8 p. m.	(8+8)÷2 (g)	Wet. 8 a. m.	8 p. m.	Monthly. (g)	Max.	Min.	Monthly. (g)	Sea-level. (g)	3,500-ft. (g)	10,000-ft. (g)	Highest. (i)	Date. (i)	Lowest. (i)	Date. (i)	Absolute range.	Greatest daily range. (i)	Date. (i)	Least daily range. (i)	Date. (i)
60.6			59.1			76.3	58.0	67.2				92	1"	43	30"	49	32	1"	6	25"

Dew-point. 8 a. m.	8 p. m.	Monthly. (g)	Relative Humidity. 8 a. m.	8 p. m.	Monthly. (g)	Vapor Pressure. 8 a. m.	8 p. m.	Monthly. (g)	Number of days with—(j) Maximum. 32° or below.	90° or above.	Minimum. 32° or below.	Zero or below.
58.0			91.5			.493			0	2	0	0

WIND.

Total movement (mid. to mid.).	Average hourly velocity.	Prevailing direction. (p)	Maximum velocity. (r)	Direction. (r)	Date. (r)	Number of times wind observed from the— N.	NE.	E.	SE.	S.	SW.	W.	NW.	Calm.
4415	6.1	E	35	SE	7"	1	8	8	3	0	3	4	2	

WEATHER.

Mean Cloudiness. 8 a. m.	8 p. m.	Monthly. (t)	Sunshine. Percentage of possible.	Number of Days. Clear.	Partly cloudy.	Cloudy.	Number of Days with Precipitation (Mid. to Mid.). Clear. (u)	Partly cloudy. (u)	Cloudy. (u)
6.1		5.9	50	7	11	12	0	8	11

MISCELLANEOUS PHENOMENA.

DATES OF—(MIDNIGHT TO MIDNIGHT).

Frosts. Light.	Heavy.	Killing.	Thunderstorms. (v)	Winds. (40 miles or over.)	Solar Halos.	Lunar Halos.	Fog. Light.	Dense.	Haze. Light.	Dense.	Smoke. Light.	Dense.	Hail.	Aurora.
None	None	None	6·7·10·11·12·14·15·17·18·24·25·27·28	None	None	None	1·8·9·10·11·15·16·22·23	11·16·22	None	None	None	None	11"	None

PRECIPITATION (in inches and hundredths). (m)

Total amount.	Greatest amount in 24 consecutive hours. Am't.	Date. (k)	Excessive. 2.50 inches in 24 hours. (l) * Am't.	Duration. h. m.	Date. (k)	1 inch per hour. (l) Am't.	Duration. h. m.	Date. (k)	Number of days with—(Mid. to Mid.). Trace.	.01 or more.	.04 or more.	.25 or more.	1.00 or more.	Total.	Snow. Trace or more.	.01 or more melted.	Snow. Total depth. (o)	Average depth at end of month.
7.42	1.90	6" & 7"	None	—	—	1.00 1.25 1.01	0 32 0 45 0 40	6" 10" 28"	1	19	15	7	3	20	0	0	0	0

(w) Maximum precipitation in 5 minutes .35, date 6"; 10 minutes .55, date 6"; 15 minutes .69, date 6";
30 minutes .99, date 6"; 1 hour 1.34, date 10"; 2 hours 1.52, date 10"

EXCESSIVE.

Date.	Total Duration. From—	To—	Total am't of precipitation.	Excessive Rate. Began—	Ended—	Am't before excessive began.	Accumulated Depths during Excessive Rate, for Consecutive Periods of Time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
6"	7:20p	Dla, 7"	1.90	8:28p	9:22p	.06	.05	.09	.15	.29	.43	.59	.91	1.08	1.11	1.19	~~1.27~~ ~~1.41~~			
10"	9:30a	12:55p	1.55	10:58a	11:44a	.17	.18	.50	.57	.63	.66	.72	.98	1.15	1.25	~~1.26~~ 1.28				
11"	9:30p	Dlp	.63	9:41p	9:52p	.01	.24	.37	.38											
28"	7:45p	Dlp	1.34	9:24p	10:04p	.32	.18	.31	.33	.34	.34	.52	.71	1.00	~~1.01~~					

*The duration is the time precipitation was actually recorded.

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Prepared by S. P. Peterson S. P. Peterson Observer, Weather Bureau.

(9)

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at La Salle, Ill., for the Month of September, 1911.

Number of Station barometer, 597; sum of corrections, -.005 inch.

SPECIAL OBSERVATIONS.

Date.	Time. 75th Mer.	Time. Local (standard).	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.)	Barometer. Reduced to sea-level.	Thermometers. Dry.	Thermometers. Wet.	Dew-point.	Depression of the dew-point.	Relative humidity.	Maximum thermometer.	Wind. Direction.	Wind. Velocity.†	Wind. Max. since last observation.	Wind. Direction.	Precipitation.††	Clouds. Am't.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.	Special Phenomena.	Initials of Observer.	Date.
14"	3:20p	2:20p	77.0	29.343	-.133	29.210	29.77	89.0	77.0	72	17	58	89.0	SW	22	26	SW	0	7	Cirs	W	Pt Cldy	Kobalt	S.P.R.	14
28"	4:00p	3:00p	76.0	29.496	-.131	29.365	29.93	68.3	66.8	66	2	93	68.3	E	5	18	E	.07	10	St	E	Rain	Kirby	L.C.W.	28

If additional space is required, rule a sheet similar to this, and paste to this margin. † By dial when self-register is out of order. †† T indicates trace of precipitation.

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Form No. 1001—Met'l. (1911 edition.)

U. S. DEPARTMENT OF AGRICULTURE,

WEATHER BUREAU.

ORIGINAL MONTHLY RECORD

OF

OBSERVATIONS

AT

La Salle, Illinois

For the Month of October, *1911*

* Station is supplied with a barograph, thermograph, sunshine recorder, and self-recording rain gage.

† No. of dry thermometer in use, ____; No. of wet thermometer in use, ____; No. of maximum thermometer in use, ____; No of minimum thermometer in use, ____

† Elevation above ground of the dry thermometer, ____ feet; rain gage, ____ feet; anemometer, ____ feet.

If the office has been moved during the month, give date ____; amount of change in height of barometer, ____ feet (higher or lower).

No. of extra barometer, 600; sum of corrections, -.011; date and observation upon which use of station barometer commenced, 8 am Nov. 19, 1904; station elevation, 536 feet; actual elevation, 536 feet.

Location of office: Number 221 Gooding street, rooms 210 & 211; first observation taken in present office, 8:00 a m. Nov. 19, 1904

* Cancel words that are not appropriate.

† To be entered only in December unless changes are made during the year. Changes made during the year will be noted in the appropriate months.

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ORIGINAL MONTHLY RECORD OF OBSERVATIONS at La Salle, Ill., for the Month of October, 1911

Number of Station barometer, 597; sum of corrections, -.005 inch.

OBSERVATIONS AT 8 A. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7:00 A. M. 90TH MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7:54 A. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-reg. ther's. Max. (b)	Self-reg. ther's. Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 a. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.		Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.							
1	66.0	29.245	.104	29.141	29.70	65.7	65.2	65	97	.616	65.7	44.3	SW	8			.42	10	St	SW	Rain		S.F.P.	1
2	64.0	29.485	.099	29.386	29.96	54.4	52.9	51	91	.373	69.4	54.4	NE	6			.09	10	St	NE	Cloudy		S.F.P.	2
3	65.5	29.446	.103	29.343	29.90	55.0	54.0	53	94	.402	57.5	54.0	E	8			T	10	St	E	Misting		S.F.P.	3
4	71.0	29.471	.115	29.373	29.94	55.3	50.5	46	71	.310	54.7	55.0	W	12			.01	[illegible]	[illegible]	W	[illegible]		S.F.P.	4
5	[illegible]	29.843	.098	29.745	30.32	44.2	42.2	40	85	.247	64.0	42.7	NE	6			0	4	[illegible]	W	Hazy		S.F.P.	5
6	67.0	29.247	.106	29.142	29.71	63.4	57.9	54	72	.417	63.4	44.2	SW	16			0	3 4	[illegible]	SW SW	Cloudy		S.F.P.	6
7	62.5	29.598	.098	29.500	30.07	49.7	47.2	45	84	.298	50.0	48.4	NE	12			.01	10	St	NE	Cloudy		[illegible]	7
8	61.5	29.858	.094	29.764	30.25	41.0	40.8	41	98	.256	56.7	40.0	NE	5			0	1	[illegible]	SW	Clear		S.F.P.	8
9	58.0	29.747	.084	29.665	30.14	47.0	45.5	44	89	.287	60.0	41.0	NE	2			0	1	St	W	[illegible]		[illegible]	9
10	66.0	29.705	.105	29.603	30.18	52.6	51.6	51	94	.373	[illegible]	[illegible]	S	3			0	10	St	[illegible]	[illegible]		[illegible]	10
11	62.5	29.744	.096	29.648	30.23	45.0	44.5	44	96	.287	62.8	43.3	W	1			0	3 St	[illegible]	[illegible]	[illegible]		[illegible]	11
12	62.0	29.757	.095	29.662	30.23	44.0	44.0	44	100	.287	67.4	44.0	0	0			0	0	Dense fog	0	Foggy		[illegible]	12
13	62.5	29.711	.096	29.615	30.19	43.2	43.2	43	100	.277	72.1	43.2	NE	3			0	0	Dense fog	NE	Foggy		S.F.P.	13
14	65.0	29.414	.102	29.312	29.88	56.2	54.7	53	91	.402	65.1	43.2	S	2			.18	10	St Cu	S	Cloudy		S.F.P.	14
15	64.5	29.500	.101	29.399	29.98	42.7	42.7	43	100	.277	63.6	42.7	N	2			0	0	Dense fog	N	Foggy		S.F.P.	15
16	62.5	29.307	.095	29.212	29.77	62.8	59.8	58	84	.482	68.3	42.7	SE	14			0	8	Cirr	W	Cloudy		[illegible]	16
17	64.0	29.194	.098	29.096	29.66	55.0	53.0	52	88	.387	73.0	51.3	W	10	25	SW	0	10	St Cu	W	Cloudy		S.F.P.	17
18	63.5	29.463	.098	29.365	29.98	46.5	44.0	42	82	.266	65.7	44.2	S	2			0	few	[illegible]	SW	[illegible]		[illegible]	18
19	62.5	29.554	.095	29.459	30.03	46.0	45.0	44	93	.287	68.7	46.0	NW	6			0	2 5	Cu St Cu	NW NW	Cloudy		[illegible]	19
20	64.0	29.676	.100	29.576	30.18	42.7	41.2	40	88	.247	50.8	42.7	W	2			T	1	[illegible]	W	[illegible]		[illegible]	20
21	65.0	29.740	.103	29.637	30.22	39.1	38.1	37	92	.219	54.6	39.1	NW	4			0	4	[illegible]	W	[illegible]		[illegible]	21
22	61.0	29.516	.091	29.425	30.01	39.0	37.0	34	84	.195	47.2	39.0	W	7			.03	5 3	Cu St	NW NW	[illegible]		[illegible]	22
23	54.0	29.487	.073	29.414	29.99	40.7	37.7	34	77	.195	54.0	38.6	W	13			T	1	[illegible]	W	[illegible]		[illegible]	23
24	61.0	29.931	.093	29.838	30.44	31.6	31.1	31	95	.172	49.2	31.6	NW	3			0	few	[illegible]	NW	[illegible]		[illegible]	24
25	62.5	29.792	.096	29.696	30.27	43.0	39.5	35	74	.203	[illegible]	31.6	SW	5			0	few	[illegible]	W	[illegible]		[illegible]	25
26	57.5	29.911	.089	29.822	30.41	34.1	32.1	29	81	.157	58.3	34.1	W	7			0	few 1	[illegible]	W	[illegible]		[illegible]	26
27	57.0	29.956	.088	29.868	30.47	30.6	29.6	28	89	.150	51.2	29.1	NW	4			.01	10	[illegible]	W	[illegible]		[illegible]	27
28	57.5	29.895	.087	29.809	30.41	30.4	29.7	29	95	.157	44.0	30.4	NW	2			0	5 2	Cu St	W W	[illegible]		[illegible]	28
29	58.0	29.715	.084	29.634	30.22	32.7	31.2	29	85	.157	47.6	30.4	SW	4			0	few	Ci	W	Clear		S.F.P.	29
30	52.5	29.616	.068	29.548	30.14	41.6	41.3	41	98	.256	53.5	32.7	SW	4			.11	10	Ns	SW	Misting		[illegible]	30
31	63.0	29.601	[illegible]	29.507	30.10	43.0	42.5	42	96	.266	44.4	41.6	W	4			.09	10	St Cu	W	Cloudy		[illegible]	31
Sums	(a)	(a)	915.255	933.20	1418.2	1369.7	1322	2763	8.905	(a)	(a)	(a)	176	(a)	(a)	0.75	172	(a)	(a)	(a)		(a)	(a)	
Means	(a)	(a)	29.524	30.103	45.7	44.2	42.6	89.1	.287	(a)	(a)	(c) NE SW	5.7	(a)	(a)	(a)	5.5	(e) [illegible]	(e) W	(a)			(a)	(a)

Reference letters in this form refer to paragraph 122, "Instructions for Preparing Meteorological Forms."

† By dial when self-register is out of order. †† T indicates trace of precipitation.

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ORIGINAL MONTHLY RECORD OF OBSERVATIONS at La Salle, Ill., for the Month of October, 1911

Number of Station barometer, 597; sum of corrections, -.005 inch.

OBSERVATIONS AT 8 P. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7.00 P. M. 90° MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7:04 P. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-reg. ther's. Max. (b)	Self-reg. ther's. Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 p. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.	Fog, Mid. to Mid. (local standard time). Light. (f)	Fog, Mid. to Mid. Dense. (f)	Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.								
1						57.6											.02								1
2																	T								2
3						73.7											.46								3
4																	0								4
5						53.4											.17								5
6																	T								6
7																	T								7
8																	0								8
9																	0								9
10																	0								10
11																	0					B 7:30a	B D Ha ★		11
12																	0					E 10:30a	E 7:30a		12
13																	T					B 7:45a E 9:00a	B D Ha E 7:45a		13
14																	.08								14
15																	0					B 8:00a E 9:00a	B D Ha E 8:00a		15
16																	.24								16
17																	0								17
18																	0								18
19						46.9											.06								19
20																	T								20
21						41.[illegible]											.10								21
22																	0								22
23																	0								23
24																	0								24
25																	0								25
26						34.2											.03								26
27																	0								27
28																	0								28
29																	0								29
30						44.1											.34								30
31																	0								31
Sums		(a)	(a)								(a)	(a)	(a)		(a)	(a)	1.50		(a)	(a)	(a)	3	3	(a)	(a)
Means		(a)	(a)								(a)	(a)	(c)		(a)	(a)	(a)		(c)	(c)	(a)	(a)	(a)	(a)	(a)

Observations are begun about 7.40 o'clock, 75th meridian time.

† By dial when self-register is out of order.

†† T indicates trace of precipitation.

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(3) ★ Objects at a distance of 65 feet completely obscured from 6:30 am

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Ta Sa Co, Ala., for the Month of Oc Tober, 1911.

Date.	Temperature. Maximum. (b)	Minimum. (b)	Range. (b)	Change. (b)	Mean. (Max. and Min.) (b)	Normal.	Departure.	Total excess or deficiency since 1st of month.	Precipitation. Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Total (Mil. to mid.). (b) ††	Normal.	Departure.	Total excess or deficiency since 1st of month.	Hail: melted. ‡‡	Snow melted. ‡‡	Sleet, and snow on ground at 7 p. m. ‡‡	Amount of ice equivalent to snow melted (mid. to mid.).	Date
	°	°	°	°	°																In.				In.	In.	In.	In.	
1	69	56	13	11	62	58	+4	+4	R	---	7 05 a	R	3 25 p	6 22 p	R	7 30 p					.40	.11	+.34	+.34					1
2	58	54	4	6	56	58	-2	+2	R	---	DHa	R	9 15 a	10 35 a							.02	.11	-.09	+.25	0	0	0	0	2
3	55	54	1	14	70	58	+12	+14	R	DHa	10 05 a	R	5 13 p	5 17 p	R	6 21 p	7 35 p				.47	.11	+.36	+.61					3
4	66	49	17	12	58	57	+1	+15													0	.10	-.10	+.51	0	0	0	0	4
5	55	43	12	9	49	57	-8	+7	R	11 23 a	2 12 p	R	3 36 p	4 07 p							.17	.09	+.08	+.59					5
6	50	32	18	11	66	56	+10	+17	R	2 47 p	3 25 p	R	1 06 p	---							T	.09	-.09	+.50					6
7	57	45	12	15	51	56	-5	+12	R	---	6 28 a	R	7 04 a	7 22 a							.01	.08	-.07	+.43	0	0	0	0	7
8	60	40	20	1	50	56	-6	+6													0	.08	-.08	+.35	0	0	0	0	8
9	59	47	12	3	53	55	-2	+4													0	.08	-.08	+.27	0	0	0	0	9
10	63	49	14	3	56	55	+1	+5													0	.08	-.08	+.19	0	0	0	0	10
11	67	43	24	1	55	54	+1	+6													0	.07	-.07	+.12	0	0	0	0	11
12	72	43	29	3	58	54	+4	+10													0	.07	-.07	+.05	0	0	0	0	12
13	65	43	22	4	54	54	0	+10	R	4 05 p	4 10 p	R	8 45 p	9 00 p	R	DH p					T	.07	-.07	+.02	0	0	0	0	13
14	64	53	11	4	58	53	+5	+15	R	---	DHa	R	10:45 a 12:50 p	12:20 p 1:05 p	R, H	1 05 p	1 08 p	R	1 08 p	1 15 p	.26	.08	+.18	+.16	T	0	0	0	14
15	68	43	25	2	56	53	+3	+18													0	.09	-.09	+.07	0	0	0	0	15
16	73	53	20	7	63	52	+11	+29	R	11 27 a	11 46 a	R	2 14 p	2 16 p							.24	.09	+.15	+.22	0	0	0	0	16
17	66	49	17	5	58	52	+6	+35													0	.09	-.09	+.13	0	0	0	0	17
18	69	44	25	2	56	51	+5	+40													0	.08	-.08	+.05	0	0	0	0	18
19	56	46	10	5	51	51	0	+40	R	12 45 p	DH p										.06	.08	-.02	+.03	0	0	0	0	19
20	55	43	12	2	49	50	-1	+39	R	5 00 p	5 50 p										T	.08	-.08	-.05	0	0	0	0	20
21	50	39	11	5	44	50	-6	+33	R	2 18 p	---										.12	.08	+.04						21
22	54	39	15	2	46	49	-3	+30	R	---	DHa	R	9 00 p	DH p							.01	.08	-.07	-.08	0	0	0	0	22
23	51	38	13	2	44	49	-5	+25													0	.08	-.08	-.16	0	0	0	0	23
24	56	32	24	0	44	48	-4	+21													0	.07	-.07	-.23	0	0	0	0	24
25	58	43	15	6	50	48	+2	+23													0	.07	-.07	-.30	0	0	0	0	25
26	51	33	18	8	42	47	-5	+18	R	4 20 p	6 20 p	R, H	6 25 p	7 05 p	H	7 05 p	DH p				.04	.07	-.03	-.33	0	* T	0	* -.01	26
27	44	30	14	5	37	47	-10	+8													0	.07	-.07	-.40	0	* T			27
28	48	33	15	2	39	46	-7	+1													0	.07	-.07	-.47	0	0	0	0	28
29	54	33	21	5	44	46	-2	-1													0	.08	-.08	-.55	0	0	0	0	29
30	45	43	3	0	44	45	-1	-2	R	DHa	DH p										.54	.08	+.46	-.09	0	0	0	0	30
31	48	37	11	2	42	45	-3	-5													0	.09	-.09	-.18	0	0	0	0	31
S	1866	1345	521	163	1605	(a)	Total excess or deficiency since January 1, +73.5		(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	2.40	[illegible]	Total excess or deficiency since January 1, -3.00		T	T	(a)	(a)	(a)
M	60.2	43.4	16.8	5.3	51.8	(a)			(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)			(a)	(a)	(a)	(a)	(a)

All data are in the standard of time in local use. ‡ Use the following abbreviations: R—rain, SD—dry snow, SW—moist snow, H—hail, SL—sleet. †† T indicates trace of precipitation. ‡‡ Enter the local standard time of observation. * Inches and tenths.

x Estimated.

x melted as it fell.

SUMMARY FOR THE MONTH OF October, 1911

Data for pressure, dry and wet thermometers, dew-point, humidity, vapor pressure, and mean cloudiness are in 75th meridian time. All other data are in the standard of time in local use.

PRESSURE.

(Correction to reduce to a 24-hour mean: .020)

STATION. Mean. 8 a. m.	8 p. m.	Monthly. (g)	Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.	REDUCED. Mean. 8 a. m.	8 p. m.	Monthly. (g)	Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.
29.524			29.868	27"	29.096	17"	0.772	30.103			30.47	27"	29.66	17"	0.81
Corrected mean		29.504						Corrected mean		30.083	3,500-ft			10,000-ft	

TEMPERATURE.

MEAN. Dry. 8 a. m.	8 p. m.	(8+8)÷2 (g)	Wet. 8 a. m.	8 p. m.	Monthly. (g)	Max.	Min.	Monthly. (g)	Sea-level. (g)	3,500-ft. (g)	10,000-ft. (g)	Highest. (i)	Date. (i)	Lowest. (i)	Date. (i)	Absolute range.	Greatest daily range. (i)	Date. (i)	Least daily range. (i)	Date. (i)
45.7			44.2			60.2	43.4	51.8				85	3"	30	27"	55	31	3"	3	30"

Dew-point. 8 a. m.	8 p. m.	Monthly. (g)	Relative Humidity. 8 a. m.	8 p. m.	Monthly. (g)	Vapor Pressure. 8 a. m.	8 p. m.	Monthly. (g)	Number of days with—(j) Maximum. 32° or below.	90° or above.	Minimum. 32° or below.	Zero or below.
42.6			89.1			.287			0	0	3	0

WIND.

Total movement (mid. to mid.).	Average hourly velocity.	Prevailing direction. (p)	Maximum velocity. (r)	Direction. (r)	Date. (r)	Number of times wind observed from the— N.	NE.	E.	SE.	S.	SW.	W.	NW.	Calm.
5116	6.9	W	26	SW	3"	3	6	1	1	3	5	6	5	1

WEATHER.

Mean Cloudiness. 8 a. m.	8 p. m.	Monthly. (t)	Sunshine. Percentage of possible.	Number of Days. Clear.	Partly cloudy.	Cloudy.	Number of Days with Precipitation (Mid. to Mid.). Clear. (u)	Partly cloudy. (u)	Cloudy. (u)
5.5		6.0	54	6	12	13	0	4	8

MISCELLANEOUS PHENOMENA.

DATES OF—(MIDNIGHT TO MIDNIGHT).

Frosts. Light.	Heavy.	Killing.	Thunderstorms. (v)	Winds. (40 miles or over.)	Solar Halos.	Lunar Halos.	Fog. Light.	Dense.	Haze. Light.	Dense.	Smoke. Light.	Dense.	Hail.	Aurora.
8"-21"	—	24"	3"-14"-16"	None	None	None	12" 13"-15"	12" 13"-15"	None	None	11"	None	14"	None

PRECIPITATION (in inches and hundredths). (m)

Total amount.	Greatest amount in 24 consecutive hours. Am't.	Date. (k)	Excessive. 2.50 inches in 24 hours. (l) * Am't.	Duration. h. m.	Date. (k)	1 inch per hour. (l) Am't.	Duration. h. m.	Date. (k)	Number of days with—(Mid. to Mid.). Trace.	.01 or more.	.04 or more.	.25 or more.	1.00 or more.	Total.	Snow. Trace or more.	.01 or more melted.	Snow. Total depth. (o)	Average depth at end of month.
2.40	.54	30"	None	—	—	None	—	—	3	12	9	4	0	15	1	1	T	0

(w) Maximum precipitation in 5 minutes* .23, date 3"; 10 minutes .41, date 3"; 15 minutes .46, date 3";
30 minutes .46, date 3"; 1 hour .47, date 3"; 2 hours .47, date 3"

EXCESSIVE.

Date.	Total duration. From—	To—	Total am't of precipitation.	Excessive rate. Began—	Ended—	Am't before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
3" *	6:21p	7:38p	0.47	6:39p	6:53p	.01	.11	.32	.45											

* Tipping bucket was removed from gage at 7:02 pm on the 26th.

*The duration is the time precipitation was actually recorded.

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Prepared by S. P. Peterson.

S. P. Peterson, Observer, Weather Bureau.

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ORIGINAL MONTHLY RECORD OF OBSERVATIONS at La Salle, Ill., for the Month of October, 1911.

Number of Station barometer, 597; sum of corrections, -.005 inch.

Date.	Special Observations.																									Date.
	Time.		Barometer.					Thermometers.						Wind.					Clouds.							
	75th Mer.	Local (standard).	Attached thermometer.	Observed reading.	Total correction.	Station. (Observed reading plus total cor.)	Reduced to sea-level.	Dry.	Wet.	Dew-point.	Depression of the dew-point.	Relative humidity.	Maximum thermometer.	Direction.	Velocity. †	Max. since last observation.	Direction.	Precipitation. ††	Am't.	Kind.	Dir. from.	State of Weather.	Special Phenomena.	Initials of Observer.	
3"	2:40p	1:40p	78.0	29.263	.136	29.127	29.69	82.0	72.0	68	14	62	82.0	SW	20	24	SW	T	2	Cirst	SW	Clear	Kobalt	S.G.	3"

If additional space is required, rule a sheet similar to this, and paste to this margin. † By dial when self-register is out of order. †† T indicates trace of precipitation.

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Form No. 1001—Met'l. (1911 edition.)

U. S. DEPARTMENT OF AGRICULTURE,

WEATHER BUREAU.

ORIGINAL MONTHLY RECORD

OF

OBSERVATIONS

AT

LA SALLE ILL

For the Month of NOV 1911, *191*

* Station is supplied with a barograph, thermograph, sunshine recorder, and self-recording rain gage.

† No. of dry thermometer in use, ...; No. of wet thermometer in use, ...; No. of maximum thermometer in use, ...; No of minimum thermometer in use, ...

† Elevation above ground of the dry thermometer, ... feet; rain gage, ... feet; anemometer, ... feet.

If the office has been moved during the month, give date —; amount of change in height of barometer, — feet (higher or lower).

No. of extra barometer, 600; sum of corrections, -.011; date and observation upon which use of station barometer commenced, 8 00 am Nov. 19, 1904; station elevation, 536 feet; actual elevation, 536 feet.

Location of office: Number 221 ~~Harding~~ street, room 5 210 & 211; first observation taken in present office, 8 00 a m. Nov. 19, 19..

* Cancel words that are not appropriate. † To be entered only in December unless changes are made during the year. Changes made during the year will be noted in the appropriate months. 8—154

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at LA SALLE, ILL., for the Month of NOV 1911, 191

Number of Station barometer, 597; sum of corrections, -.005 inch.

OBSERVATIONS AT 8 A. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7:00 A. M. 90TH MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7:52 A. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Observed reading.	Total correction.	Station. (Observed reading plus total cor.) (b)	Reduced to sea-level. (b)	Thermometers. Dry. (b)	Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-reg. ther's. Max. (b)	Min. (b)	Wind. Dir.	Velocity. (b) †	Max. during preceding 12 hours.	Dir.	Precipitation. Amt. at 8 a. m. (b) ††	Clouds. Amt.	Kind.	Dir. (from).	State of Weather.		Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In							
1	60.0	29.906	-.090	29.816	30.42	30.0	28.5	26	84	.136	47.8	30.0	W	5			0	1	a St	NW	Clear		S.P.P.	1
2	54.0	30.330	-.075	30.255	30.88	19.2	18.2	15	85	.081	37.2	19.2	NW	10			0	0	0	0	Clear		S.P.P.	2
3	56.0	30.185	-.080	30.105	30.71	21.7	21.2	20	93	.103	35.0	19.2	W	1			0	2	Ci St	W	Clear		S.P.P.	3
4	59.5	29.790	-.089	29.701	30.30	33.8	30.8	27	72	.143	37.6	21.7	SW	4			0	10	a St	SW	Cloudy		S.P.P.	4
5	62.5	29.839	-.096	29.743	30.33	36.3	34.8	32	87	.180	40.4	33.8	E	4			0	10	St Cu	E	Cloudy		S.P.P.	5
6	56.5	29.041	-.078	28.963	29.54	49.1	49.1	49	100	.347	50.7	36.3	S	7			.44	10	Nb	S	Hlisting		S.P.P.	6
7	63.0	29.466	-.097	29.369	29.95	38.3	35.3	31	75	.172	51.8	38.3	W	14	26	SW	0	1	St Cu	W	Clear		S.P.P.	7
8	60.0	29.575	-.089	29.489	30.08	28.4	27.9	27	94	.143	48.8	28.4	NE	3			0	1 2	a Cu a St	W W	Clear		S.P.P.	8
9	63.0	29.360	-.096	29.264	29.84	39.3	38.3	37	92	.219	50.0	28.4	E	11			.02	10	Nb	SE	Rain		S.P.P.	9
10	47.0	29.557	-.107	29.450	30.03	47.3	46.5	45	96	[illegible]	52.2	39.3	SW	5			.03	10	St Cu	W	Cloudy		S.P.P.	10
11	70.0	29.155	-.114	29.041	29.60	65.6	63.1	62	87	.555	65.6	49.3	S	20	25	SW	T	1	Ci St St Cu	W SW	Clear		S.P.P.	11
12	53.0	29.412	-.070	29.342	29.92	13.2	12.0	8	77	.057	76.2	13.2	W	26	32	W	.15	10	Nb	W	Lt snow		S.P.P.	12
13	34.0	29.904	-.020	29.884	30.49	13.3	11.7	6	70	.052	18.2	13.0	W	7	27	W	T	3	Ci St	W	Clear		S.P.P.	13
14	63.0	29.481	-.097	29.384	29.98	26.3	23.8	19	69	.098	29.0	13.3	S	6			0	10	a St	W	Cloudy		S.P.P.	14
15	66.5	29.376	-.106	29.270	29.86	25.6	25.1	25	94	.130	32.3	25.6	W	8			T	5	a St	W	Pt Cldy		S.P.P.	15
16	67.0	29.316	-.108	29.208	30.31	18.8	17.3	13	76	.074	28.8	18.7	W	4			0	2 8	a Cu a St	W W	Cloudy		S.P.P.	16
17	69.5	28.998	-.112	28.886	29.47	47.0	45.5	44	89	.287	47.0	18.8	SW	11			.54	10	St Cu	SW	Cloudy		S.P.P.	17
18	65.5	29.191	-.102	29.089	29.67	26.6	23.6	17	65	.089	53.0	26.6	W	18	27	NW	0	1	a St	W	Clear		S.P.P.	18
19	69.0	29.495	-.113	29.382	29.98	19.3	18.3	16	85	.085	32.0	19.3	W	7			0	1	Ci St	W	Clear		S.P.P.	19
20	55.5	29.421	-.076	29.345	29.93	26.0	24.0	20	75	.103	37.7	19.3	W	21	34	W	T	9	St Cu	NW	Cloudy		S.P.P.	20
21	62.0	29.818	-.095	29.723	30.32	22.3	21.8	21	93	.108	29.8	22.3	NW	7			0	few	a St	NW	Clear		S.P.P.	21
22	59.0	29.650	-.087	29.563	30.16	30.3	28.8	26	84	.136	37.6	22.3	SE	10			0	1 1	Ci St a St	SW SW	Clear		S.P.P.	22
23	62.0	29.532	-.094	29.438	30.03	29.0	27.0	24	78	.124	43.2	29.0	NW	18			.05	10	St Cu	NW	Cloudy		S.P.P.	23
24	54.0	29.743	-.073	29.670	30.27	23.0	21.5	18	80	.093	29.0	21.9	NW	14			T	10	St Cu	NW	Cloudy		S.P.P.	24
25	57.0	29.540	-.081	29.459	30.06	26.0	25.0	23	88	.118	30.0	20.5	W	11			0	0	0	0	Clear		S.P.P.	25
26	61.0	29.427	-.091	29.336	29.93	31.6	30.1	28	85	.150	43.8	26.0	SW	5			0	2	Ci St	NW	Clear		S.P.P.	26
27	57.0	29.399	-.081	29.318	29.90	38.7	34.7	29	68	.157	49.3	31.4	SW	12			0	3 4	Ci St a St	W W	Pt Cldy		S.P.P.	27
28	61.0	29.171	-.090	29.081	29.66	30.4	29.9	29	95	.157	30.8	30.4	NW	16			.26	10	Ns	NW	Lt snow		S.P.P.	28
29	56.0	29.735	-.078	29.657	30.26	10.0	9.2	6	83	.052	30.4	10.0	NW	8			T	few	a St	NW	Clear		S.P.P.	29
30	49.0	29.551	-.059	29.492	30.09	19.7	18.1	14	76	.077	24.2	8.8	SW	14			0	1 2	Ci St a St	W W	Clear		S.P.P.	30
31																								31
Sums		(a)	(a)	884.223	901.97	888.1	843.4	760	2495	4.560	(a)	(a)	(a)	307	(a)	(a)	1.49	163	(a)	(a)	(a)		(a)	(a)
Means		(a)	(a)	29.474	30.066	27.6	28.1	25.3	83.2	.152	(a)	(a)	(c) W	10.2	(a)	(a)	(a)	5.4	(c) a St	(c) W	(a)		(a)	(a)

Reference letters in this form refer to paragraph 122, "Instructions for Preparing Meteorological Forms."

† By dial when self-register is out of order. †† T indicates trace of precipitation.

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ORIGINAL MONTHLY RECORD OF OBSERVATIONS at LA SALLE, ILL., for the Month of NOV 1911, 191

Number of Station barometer, 597; sum of corrections, -.005 inch.

OBSERVATIONS AT 8 P. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7.00 P. M. 90° MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7.04 P. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-reg. ther's. Max. (b)	Self-reg. ther's. Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 p. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.	Fog, Mid. to Mid. (local standard time). Light. (f)	Fog, Mid. to Mid. (local standard time). Dense. (f)	Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.								
1																	T								1
2																	0								2
3																	0								3
4																	0								4
5																	0								5
6																	.02								6
7																	0								7
8																	0								8
9																	T								9
10																	0								10
11						38.0											.71								11
12						14.8											T								12
13																	0								13
14						30.2											.01								14
15																	T								15
16						35.0											.01								16
17						32.5											T								17
18																	0								18
19						32.4											.01								19
20																	0								20
21																	0								21
22						39.2											.01								22
23																	T								23
24																	T								24
25																	0								25
26																	0								26
27																	0								27
28						22.0											T								28
29																	0								29
30																	0								30
31																									31
Sums		(a)	(a)								(a)	(a)	(a)		(a)	(a)	0.77		(a)	(a)	(a)	0	0	(a)	(a)
Means		(a)	(a)								(a)	(a)	(c)		(a)	(a)	(a)		(c)	(c)	(a)	(a)	(a)	(a)	(a)

Observations are begun about 7.40 o'clock, 75th meridian time.

† By dial when self-register is out of order. †† T indicates trace of precipitation.

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ORIGINAL MONTHLY RECORD OF OBSERVATIONS at LA SALLE, ILL., for the Month of NOV., 1911

Date.	Temperature. Maximum. (b)	Minimum. (b)	Range. (b)	Change. (b)	Mean. (Max. and Min.) (b)	Normal.	Departure.	Total excess or deficiency since 1st of month.	Precipitation. Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Total (Mid. to mid.). (b) ‡‡	Normal.	Departure.	Total excess or deficiency since 1st of month.	Hail and sleet melted. In. to In. ‡‡	Snow unmelted. In. to In. ‡‡	Hail, sleet, and snow on ground at 7 p. m. ‡‡	Amount of precipitation from melted snow (mid. to mid.).	Date.
	°	°	°	°	°																In.				In.	In.	In.	In.	
1	37	23	14	12	30	44	-14	-14	S d	1:05p	1:43p										T	.09	.09	.09	0	*T	0	T	1
2	35	19	16	3	27	44	-17	-31													0	.09	.09	.18	0	0	0	0	2
3	38	22	16	3	30	43	-13	-44													0	.09	.09	.27	0	0	0	0	3
4	40	34	6	7	37	43	-6	-50													0	.10	-.10	.37	0	0	0	0	4
5	51	36	15	7	44	42	+2	-48	R	7 08p	----										*.18	.10	+.08	.29	0	0	0	0	5
6	52	45	7	4	48	42	+6	-42	R	---	11 43a	R	3 24p	5 15p							*.28	.10	+.18	.11	0	0	0	0	6
7	49	34	15	6	42	41	+1	-41													0	.10	-.10	.21	0	0	0	0	7
8	50	28	22	3	39	41	-2	-43													0	.11	-.11	.32	0	0	0	0	8
9	51	39	12	6	45	40	+5	-38	R	DHa	7 18a	R	9 07a	9 55a	R	3 57p	6 15p	R	DHp	DHp	.05	.11	-.06	.38	0	0	0	0	9
10	63	48	15	11	56	40	+16	-22	R	DHp	---										T	.10	-.10	.48	0	0	0	0	10
11	76	14	62	11	45	40	+5	-17	R	---	DHa	R	4 08p	5 30p	R,SL 10 00p	5 30p	DHp	S d	DHp	----	*.86	.10	+.76	+.28	0	0	0	*T	11
12	18	13	5	29	16	39	-23	-40	S d	----	10 30a	S d	3 02p	DHp							*T	.10	-.10	+.18	*T	T	T	*T	12
13	29	13	16	5	21	39	-18	-58													0	.10	-.10	+.08	0	T	T	0	13
14	32	26	6	8	29	38	-9	-67	S d	11 09a	8 00p										.01	.09	-.08	[illegible]	0	0.3	0.3	.01	14
15	29	20	9	5	24	38	-14	-81	S d	9 20a	11 30a										T	.09	-.09	.09	0	T	T	T	15
16	36	19	17	4	28	37	-9	-90	R	6 30p	---										*.25	.09	+.16	+.07	0	0	0	0	16
17	53	27	26	12	40	37	+3	-87	R	---	6 35a	R	9 40a	3 40p	S m	3 40p	5 05p				*.30	.09	+.21	+.28	0	*T	0	*T	17
18	32	24	8	12	28	37	-9	-96													0	.09	-.09	+.19	0	0	0	0	18
19	36	19	17	0	28	36	-8	-104	S d	12 43p	DHp										.01	.08	-.07	+.12	0	0.2	0.2	.01	19
20	38	23	15	2	30	36	-6	-110													0	.08	-.08	+.04	0	T	T	0	20
21	38	22	16	0	30	35	-5	-115													0	.07	-.07	.05	0	0	0	0	21
22	43	30	13	6	36	35	+1	-114	R	6 40p	-										*.04	.09	-.05	.10	0	0	0	0	22
23	39	22	17	6	30	35	-5	-119	R		DHa	S d	1 07p	1 35p	S d	DHp	---				*.02	.08	-.06	.16	0	T	0	T	23
24	30	20	10	5	25	34	-9	-128	S d	---	DHa	S d	8 30a	[illegible]							T	.08	-.08	.24	0	T	0	T	24
25	44	26	18	10	35	34	+1	-127													0	.07	-.07	.31	0	0	0	0	25
26	49	31	18	5	40	34	+6	-121													0	.06	-.06	.37	0	0	0	0	26
27	51	34	17	2	42	33	+9	-112	R	9 15p	-										*.09	.06	+.03	.34	0	0	0	0	27
28	34	21	13	14	28	33	-5	-117	R	---	DHa	S m	DHa	6 00a	S d	6 00a	DHp				*.17	.07	+.10	.24	0	0.6	0.6	*.06	28
29	24	9	15	12	16	33	-17	-134													0	.07	-.07	.31	0	T	0.4	0	29
30	36	17	19	10	[illegible]	32	-6	-140													0	.07	-.07	.38	0	0	0.1	0	30
31																													31
S	1233	758	475	220	745	1135	Total excess or deficiency since January 1, +595	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	2.26	2.64	Total excess or deficiency since January 1, +2.62	T	1.1	(a)	(a)	(a)	S
M	41.1	25.3	15.8	7.3	33.2	(a)		(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)		(a)	(a)	(a)	(a)	(a)	M

All data are in the standard of time in local use. ‡ Use the following abbreviations: R—rain, S—dry snow, S—moist snow, H—hail, Sl—sleet. ‡‡ T indicates trace of precipitation. ‡‡ Enter the local standard time of observation. * Inches and tenths.

*Melted as it fell. *Estimated

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SUMMARY FOR THE MONTH OF NOV 1911, 191

Data for pressure, dry and wet thermometers, dew-point, humidity, vapor pressure, and mean cloudiness are in 75th meridian time. All other data are in the standard of time in local use.

PRESSURE.

(Correction to reduce to a 24-hour mean -.015)

STATION. Mean. 8 a. m.	8 p. m.	Monthly. (g)	Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.	REDUCED. Mean. 8 a. m.	8 p. m.	Monthly. (g)	Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.
29.474			30.255	2"	28.856	11"	1.399	30.066			30.88	2"	29.42	11"	1.46
Corrected mean		29.459						Corrected mean		30.051	3,500-ft			10,000-ft	

TEMPERATURE.

Mean. Dry. 8 a. m.	8 p. m.	(8+8)÷2 (g)	Wet. 8 a. m.	8 p. m.	Monthly. (g)	Max.	Min.	Monthly. (g)	Sea-level. (g)	3,500-ft. (g)	10,000-ft. (g)	Highest. (i)	Date. (i)	Lowest. (i)	Date. (i)	Absolute range.	Greatest daily range. (i)	Date. (i)	Least daily range. (i)	Date. (i)
29.6			28.1			41.1	25.3	33.2				76	11"	9 29"		67	62	11"	5	12"

Dew-point. 8 a. m.	8 p. m.	Monthly. (g)	Relative Humidity. 8 a. m.	8 p. m.	Monthly. (g)	Vapor Pressure. 8 a. m.	8 p. m.	Monthly. (g)	Number of days with—(j) Maximum. 32° or below.	90° or above.	Minimum. 32° or below.	Zero or below.
25.3			83.2			.152			6	0	23	0

WIND.

Total movement (mid. to mid.).	Average hourly velocity.	Prevailing direction. (p)	Maximum velocity. (r)	Direction. (r)	Date. (r)	Number of times wind observed from the— N.	NE.	E.	SE.	S.	SW.	W.	NW.	Calm.
7829	10.9	W	37	NW	11"	0	2	2	1	3	6	10	6	0

WEATHER.

Mean Cloudiness. 8 a. m.	8 p. m.	Monthly. (t)	Sunshine. Percentage of possible.	Number of Days. Clear.	Partly cloudy.	Cloudy.	Number of Days with Precipitation (Mid. to Mid.). Clear. (u)	Partly cloudy. (u)	Cloudy. (u)
5.4		5.8	53	10	7	13	0	2	10

MISCELLANEOUS PHENOMENA.

DATES OF—(MIDNIGHT TO MIDNIGHT).

Frosts. Light.	Heavy.	Killing.	Thunderstorms. (v)	Winds. (40 miles or over.)	Solar Halos.	Lunar Halos.	Fog. Light.	Dense.	Haze. Light.	Dense.	Smoke. Light.	Dense.	Hail.	Aurora.
—	—	—	11"-17"	None	None	None	None	None	None	None	None	None	None	None

PRECIPITATION (in inches and hundredths). (m)

Total amount.	Greatest amount in 24 consecutive hours. Am't.	Date. (k)	Excessive. 2.50 inches in 24 hours. (l) * Am't.	Duration. h. m.	Date. (k)	1 inch per hour. (l) Am't.	Duration. h. m.	Date. (k)	Number of days with—(Mid. to Mid.). Trace.	.01 or more.	.04 or more.	.25 or more.	1.00 or more.	Total.	Snow. Trace or more.	.01 or more melted.	Snow. Total depth. (o)	Average depth at end of month.
2.26	.86	11"	None			None			5	12	9	4	0	17	10	3	1.1	0.1

(w) Maximum precipitation in 5 minutes Tipping bucket gage not in use., date ; 10 minutes , date ; 15 minutes , date ;

30 minutes , date ; 1 hour , date ; 2 hours , date

EXCESSIVE.

Date.	Total duration. From—	To—	Total am't of precipitation.	Excessive rate. Began—	Ended—	Am't before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
None recorded. Tipping bucket gage not in use.																				

*The duration is the time precipitation was actually recorded.

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Prepared by S. P. Peterson S. P. Peterson, Observer, Weather Bureau.

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ORIGINAL MONTHLY RECORD OF OBSERVATIONS at LA SALLE, ILL., for the Month of NOV 1911, 191

Number of Station barometer, 597; sum of corrections, -.005 inch.

SPECIAL OBSERVATIONS.

Date.	Time. 75th Mer.	Time. Local (standard).	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.)	Barometer. Reduced to sea-level.	Thermometers. Dry.	Thermometers. Wet.	Dew-point.	Depression of the dew-point.	Relative humidity.	Maximum thermometer.	Wind. Direction.	Wind. Velocity. †	Wind. Max. since last observation.	Wind. Direction.	Precipitation. ††	Clouds. Am't.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.	Special Phenomena.	Initials of Observer.	Date.
11	1:00 p	12:00 M.	75.0	28.983	-.127	28.856	29.42	74.4	66.9	63	11	68	74.4	SW	34	36	SW	0	5 2	Ci St St Cu	SW SW	Partly	Kobolt	S.P.P.	11
12	12:00 M	11:00 am	50.0	29.592	-.062	29.530	30.14	13.7	12.1	7	7	70	13.7	W	26	31	W	T	6	St	W	Partly	Kelly	S.P.P.	12
13	2:00 p	1:00 p	73.0	29.890	-.125	29.765	30.37	27.0	22.0	9	18	42	27.0	SW	16	22	SW	0	2 7	Ci St Ci Cu	NW NW	Clear	Kobolt	S.P.P.	13
14	1:00 p	12:00 M	79.0	29.355	-.138	29.217	29.81	29.8	27.3	23	7	73	29.8	S	7	—	—	T	10	Nb	S	Lt snow	Kirby	S.P.P.	14

If additional space is required, rule a sheet similar to this, and paste to this margin. † By dial when self-register is out of order. †† T indicates trace of precipitation.

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Form No. 1001—Met'l. (1911 edition.)

U. S. DEPARTMENT OF AGRICULTURE,

WEATHER BUREAU.

ORIGINAL MONTHLY RECORD

OF

OBSERVATIONS

AT

La Salle, Ill.

For the Month of December, *1911.*

* Station is supplied with a barograph, thermograph, sunshine recorder, and self-recording rain gage.

† No. of dry thermometer in use, 4849; No. of wet thermometer in use, 4887; No. of maximum thermometer in use, 9779; No of minimum thermometer in use, 9234

† Elevation above ground of the dry thermometer, 56 feet; rain gage, 49 feet; anemometer, 64 feet.

If the office has been moved during the month, give date ——; amount of change in height of barometer, —— feet (higher or lower).

No. of extra barometer, 600; sum of corrections, -.011; date and observation upon which use of station barometer commenced, 8 00 am Nov. 19, 1904; station elevation, 536 feet; actual elevation, 536 feet.

Location of office: Number 221 Gooding street, rooms 210 & 211; first observation taken in present office, 8 00 a m. Nov. 19, 1904.

* Cancel words that are not appropriate. † To be entered only in December unless changes are made during the year. Changes made during the year will be noted in the appropriate months. 8—154

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at La Salle, Ill., for the Month of December, 1911

Number of Station barometer, 597; sum of corrections, -.005 inch.

OBSERVATIONS AT 8 A. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7.00 A. M. 90TH MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE: 7.04 A. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Observed reading.	Total correction.	Station. Observed reading plus total cor. (b)	Reduced to sea-level. (b)	Thermometers. Dry. (b)	Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-reg. ther's. Max. (b)	Min. (b)	Wind. Dir.	Velocity. (b) †	Max. during preceding 12 hours.	Dir.	Precipitation. Amt. at 8 a. m. (b) ††	Clouds. Amt.	Kind.	Dir. from.	State of Weather.		Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In							
1	69.0	29.522	.113	29.409	30.01	30.5	29.5	28	89	.150	36.1	19.7	SW	11			0	10	Ast	W	Cloudy		S.P.P.	1
2	59.5	29.716	.088	29.628	30.23	28.5	27.0	24	82	.124	41.3	28.5	W	7			0	10	St Cu	W	Cloudy		S.P.P.	2
3	58.0	29.576	.083	29.493	30.09	27.0	25.0	21	76	.108	37.3	27.0	W	17			T	10	St Cu	W	Cloudy		S.P.P.	3
4	53.5	29.994	.072	29.922	30.54	21.0	20.0	18	86	.093	32.5	21.0	W	1			0	1	Cirrus	W	Clear		S.P.P.	4
5	56.0	29.879	.079	29.800	30.41	26.7	25.7	24	88	.124	36.9	21.0	SW	5			0	1	Cirrus	W	Clear		S.P.P.	5
6	60.0	29.783	.090	29.693	30.28	30.3	28.3	25	78	.130	44.3	26.7	SW	4			0	0	0	0	Clear		S.P.P.	6
7	64.0	29.717	.100	29.617	30.21	40.4	37.9	34	80	.195	47.2	30.0	SE	3			T	10	Ast	SW	Cloudy		S.P.P.	7
8	63.0	29.757	.103	29.654	30.23	44.3	42.8	41	89	.256	50.2	40.2	S	6			T	10	St Cu	S	Cloudy		S.P.P.	8
9	68.5	29.692	.111	29.581	30.16	48.6	48.6	47	100	.347	51.5	44.3	SW	4			T	Dense fog		SW	Foggy		S.P.P.	9
10	68.0	29.193	.109	29.084	29.65	56.2	53.2	51	82	.373	56.2	47.8	SE	24	28	SE	.48	10	St Cu	S	Cloudy		S.P.P.	10
11	58.0	29.556	.083	29.473	30.05	38.5	36.5	34	84	.195	41.0	38.5	W	5			0	2 6	St Cu Ast	SW SW	Cloudy		S.P.P.	11
12	59.5	29.752	.089	29.663	30.25	33.0	30.5	27	76	.143	44.0	32.2	W	5			0	10	St Cu	W	Cloudy		S.P.P.	12
13	58.5	29.782	.085	29.697	30.30	24.0	24.0	24	100	.124	36.1	24.0	0	0			0	Dense fog		0	Foggy		S.P.P.	13
14	57.0	29.713	.081	29.632	30.23	25.2	24.7	24	94	.124	41.3	24.0	E	4			0	few Cu St		W	Clear		S.P.P.	14
15	59.5	29.564	.088	29.476	30.08	27.4	27.4	27	100	.143	40.2	24.8	W	1			0	Dense fog		W	Foggy		S.P.P.	15
16	57.0	29.332	.081	29.251	29.84	31.4	31.2	31	98	.172	34.0	25.4	W	7			.38	10	Ns	W	Rain		S.P.P.	16
17	57.0	29.773	.082	29.691	30.29	25.7	23.2	18	69	.093	32.3	24.4	W	5			0	9	St Cu	W	Cloudy		S.P.P.	17
18	48.5	29.983	.059	29.924	30.53	24.6	23.6	22	87	.113	28.7	24.5	W	2			.02	10	St	W	Cloudy		S.P.P.	18
19	58.5	30.109	.086	30.023	30.63	12.7	12.1	10	88	.063	31.8	12.7	NE	4			0	Dense fog		NE	Foggy		S.P.P.	19
20	62.0	29.714	.095	29.619	30.22	24.8	23.3	21	81	.108	31.5	12.2	E	16			0	1	Ast	W	Clear		S.P.P.	20
21	61.5	29.432	.093	29.339	29.93	36.5	36.3	36	98	.211	37.1	24.8	S	7			.01	10 St	St fog	S	Cloudy		S.P.P.	21
22	67.0	29.431	.094	29.337	29.92	36.0	34.5	32	87	.180	44.0	35.2	SW	7			T	10	St	SW	Cloudy		S.P.P.	22
23	57.0	29.368	.081	29.287	29.88	28.3	26.3	23	77	.118	40.3	28.1	W	13			0	10	St Cu	W	Cloudy		S.P.P.	23
24	56.0	29.378	.078	29.300	29.89	28.0	27.0	25	88	.130	32.5	27.8	SW	8			0	0	0	0	Clear		S.P.P.	24
25	47.0	29.645	.054	29.591	30.18	28.7	26.2	22	72	.113	43.5	28.0	W	9			0	2	St Cu	W	Clear		S.P.P.	25
26	44.0	29.330	.046	29.284	29.87	31.0	30.7	30	97	.164	34.5	26.2	NE	15			.07	10	Ns	NE	Rain		S.P.P.	26
27	62.0	29.422	.094	29.328	29.92	17.2	16.0	12	80	.070	38.2	17.2	W	16	38	SW	T	3	St Cu	W	Clear		S.P.P.	27
28	58.5	30.045	.086	29.959	30.58	3.3	2.9	1	89	.040	17.9	2.6	W	8	25	W	0	0	0	0	Clear		S.P.P.	28
29	63.5	29.770	.099	29.671	30.30	22.0	21.0	17	86	.098	36.0	3.3	SE	4			0	2	St	W	Clear		S.P.P.	29
30	68.0	29.661	.111	29.550	30.16	32.3	31.8	31	95	.172	36.1	22.0	E	6			.11	10	Ns	E	Heavy snow		S.P.P.	30
31	57.0	29.231	.080	29.151	29.74	15.7	14.7	12	83	.070	34.1	15.7	W	26	36	SW	.06	10	Ns	W	Snow		S.P.P.	31
Sums	(a)	(a)	(a)	916.160	934.60	899.8	861.9	796	2677	4.544	(a)	(a)	(a)	250	(a)	(a)	1.15	177	(a)	(a)	(a)		(a)	(a)
Means	(a)	(a)	(a)	29.554	30.148	29.0	27.8	25.7	86.4	.147	(a)	(a)	(a) W	8.1	(a)	(a)	(a)	5.7	(a) St Cu	(a) W	(a)		(a)	(a)

Reference letters in this form refer to paragraph 122, "Instructions for Preparing Meteorological Forms."

† By dial when self-register is out of order. †† T indicates trace of precipitation.

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ORIGINAL MONTHLY RECORD OF OBSERVATIONS at La Salle, Ill., for the Month of December, 1911

Number of Station barometer, 597; sum of corrections, -.025 inch.

OBSERVATIONS AT 8 P. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7.00 P. M. 90° MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7.04 P. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-reg. ther's. Max. (b)	Self-reg. ther's. Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 p. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.	Fog, Mid. to Mid. (local standard time). Light. (f)	Fog, Mid. to Mid. (local standard time). Dense. (f)	Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.								
1																	T								1
2																	0								2
3																	T								3
4																	0								4
5																	0								5
6																	0								6
7																	0								7
8																	T								8
9						52.7											.07					B 7:30a E 10:15a	B D Ma E 7:30a		9
10																	T								10
11																	0								11
12																									12
13																	0					B 8:00a E 8:40a	B D Ma		13
14																	0								14
15						29.3											T					B 10:30a; E 3:00p B 5:00p; E 5:30p	B D Ma; E 10:30a B 3:00p; E 8:00p		15
16																	.06								16
17						25.7											T								17
18																	T								18
19																	T					B 7:50a E 10:15a	B D Ma E 7:50a		19
20						33.2											.38								20
21																	0					B D Ma E 7:30a			21
22																	T								22
23																	0								23
24																	0								24
25																	0								25
26						35.5											.15								26
27																	0								27
28																									28
29																	0								29
30						33.2											.23								30
31																	T								31
Sums		(a)	(a)								(a)	(a)	(a)		(a)	(a)	.89		(a)	(a)	(a)	5	4	(a)	(a)
Means		(a)	(a)								(a)	(a)	(c)		(a)	(a)	(a)		(c)	(c)	(a)	(a)	(a)	(a)	(a)

Observations are begun about 7.40 o'clock, 75th meridian time.

† By dial when self-register is out of order. †† T indicates trace of precipitation.

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ORIGINAL MONTHLY RECORD OF OBSERVATIONS at La Junta, Colo., for the Month of December, 1911.

Date.	Temperature. Maximum. (b)	Minimum. (b)	Range. (b)	Change. (b)	Mean. (Max. and Min.) (b)	Normal.	Departure.	Total excess or deficiency since 1st of month.	Precipitation. Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Total (Mid. to mid.). (b) ††	Normal.	Departure.	Total excess or deficiency since 1st of month.	Hail and sleet unmelted. 7 p.m. to 7 p.m. * ‡‡	Snow unmelted. 7 p.m. to 7 p.m. * ‡‡	Hail, sleet, and snow on ground at 7 p.m. * ‡‡	Amount of precipitation from melted snow (mid. to mid.).	Date.
	°	°	°	°	°																In.				In.	In.	In.	In.	
1	41	28	13	8	34	32	+ 2	+ 2	R	8 30 a	8 50 a	Sl	8 50 a	9 55 a							T	.06	-.06	-.06	T	0	T	0	1
2	37	28	9	2	32	32	0	+ 2													0	.06	-.06	-.12	0	0	T	0	2
3	34	22	12	4	28	31	- 3	- 1	S d	D Ma	6 35 a	S d	10 05 a	11 08 a							T	.06	-.06	-.18	0	T	T	T	3
4	37	21	16	1	29	31	- 2	- 3													0	.06	-.06	-.24	0	0	0	0	4
5	44	27	17	7	36	31	+ 5	+ 2													0	.06	-.06	-.30	0	0	0	0	5
6	47	30	17	2	38	30	+ 8	+10													0	.07	-.07	-.37	0	0	0	0	6
7	50	39	11	6	44	[illegible]	+14	+24	R	D Ma	D Ma										T	.07	-.07	-.44	0	0	0	0	7
8	52	41	11	2	46	30	+16	+40	R	D Ma	D Ma	R	5 17 a	7 30 a	R	2 36 p	5 10 p	R	7 30 p		T	.05	-.05	-.52	0	0	0	0	8
9	54	48	6	5	51	30	+21	+61	R		D Ma	R	9 30 a	12 40 p	R	4 15 p					* .17	.05	+.09	-.52	0	0	0	0	9
10	61	43	18	1	52	29	+23	+84	R		D Ma	R	12 32 p	12 35 p	R	5 03 p	5 10 p				* .35	.05	+.30	-.17	0	0	0	0	10
11	44	32	12	14	38	29	+ 9	+93													0	.05	-.05	-.21	0	0	0	0	11
12	36	29	7	6	33	29	+ 3	+96													0	.05	-.05	-.27					12
13	41	24	17	0	33	28	+ 4	+100													0	.08	-.08	-.37 -.36	0	0	0	0	13
14	40	25	15	0	33	28	+ 4	+104													0	.09	-.09	-.46 -.45	0	0	0	0	14
15	34	25	9	2	30	28	+ 2	+106	S d	8 15 a	9 04 a	S d	4 40 p	4 53 p							T	.09	-.09	-.55 -.54	0	T	T	T	15
16	33	28	5	0	30	28	+ 2	+108	S H	D Ma	10.30 a										.44	.09	+.35	-.20 -.19	0	6.2	4.5	.44	16
17	29	24	5	4	26	27	- 1	+107	S d	3 40 p	D Mp										.02	.09	-.07	-.27 -.26	0	0.1	3.7	.02	17
18	32	25	7	2	28	27	+ 1	+108	S d	12 10 p	12 25 p										T	.08	-.08	-.34	0	0.4	[illegible]	T	18
19	[illegible]	13	20	6	22	26	- 4	+104	S d	7 15 a	7 40 a										T	.08	-.08	-.42	0	T	2.3	T	19
20	34	25	9	8	30	26	+ 4	+108	R, Y S.D.	2 07 p	2 40 p	R	4 40 p	6 15 p	R, Y S.D.	6 15 p	7 45 p	R	7 45 p	[illegible]	.39	.08	+.31	-.11	* .3	0	2.3	0	20
21	44	34	10	9	39	26	+13	+121													0	.08	-.08	-.19	* T	0	T	0	21
22	40	30	10	4	35	25	+10	+131	R	D Ma	D Ma	S H	8 27 a	9 45 a							T	.08	-.08	-.27	0	T	T	T	22
23	32	28	4	5	30	25	+ 5	+136													0	.07	-.07	-.34	0	0	T	0	23
24	44	28	16	6	36	25	+11	+147													0	.07	-.07	-.41	0	0	0	0	24
25	37	26	13	4	[illegible]	25	+ 7	+154													0	.06	-.06	-.47	0	0	0	0	25
26	38	25	13	0	[illegible]	25	+ 7	+161	S H	D Ma	[illegible]	R, Y S.D.	[illegible]	8 45 a	R	8 45 a	9 10 p	S d	9 10 p		.24	.06	+.18	-.29	0	1.5	0.6	* .12	26
27	25	6	19	16	16	24	- 8	+153	S d	- - -	D Ma										T	.06	-.06	-.35 -.36	0	T	0.1	T	27
28	26	3	23	2	14	24	-10	+143													0	.07	-.07	-.42 -.43	0	0	T	0	28
29	36	22	14	15	29	24	+ 5	+148													0	.07	-.07	-.49 -.50	0	0	T	0	29
30	34	3[illegible]	2	4	33	[illegible]	+ 9	+157	S H	D Ma	7 05 a	R, Y S.D.	7 05 a	10 31 a	R	10 31 a					* .37	.07	+.30	-.19	0	1.7	1.3	* .17	30
31	34	7	27	13	20	[illegible]	- 4	[illegible]	R		D Ma	S H	D Ma	D Ma	S d	D Ma	10 05 a	S d	12 [illegible] p	[illegible]	* 0.3	.07	-.04	-.23	0	T	1.0	[illegible]	31
S	1204	817	357	158	1006	[illegible]	Total excess or deficiency since January 1.	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	[illegible]	[illegible]	Total excess or deficiency since January 1. [illegible]	0.3	[illegible]	(a)	(a)	(a)	(a)
M	38.8	26.4	12.5	5.1	32.6	(a)	+ 748	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)		(a)	(a)	(a)	(a)	(a)	

All data are in the standard of time in local use. ‡ Use the following abbreviations: R—rain, S d—dry snow, S m—moist snow, H—hail, Sl—sleet. †† T indicates trace of precipitation. ‡‡ Enter the local standard time of observation. * Inches and tenths.

(8) Estimated.
X Hailed as it fell.

SUMMARY FOR THE MONTH OF December, 1911.

Data for pressure, dry and wet thermometers, dew-point, humidity, vapor pressure, and mean cloudiness are in 75th meridian time. All other data are in the standard of time in local use.

PRESSURE.

(Correction to reduce to a 24-hour mean −0.09)

STATION. Mean. 8 a. m.	8 p. m.	Monthly. (g)	Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.	REDUCED. Mean. 8 a. m.	8 p. m.	Monthly. (g)	Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.
29.554			30.023	19"	29.051	26"	0.972	30.148			30.63	19"	29.64	10"	0.99
Corrected mean		29.545						Corrected mean		30.139	3,500-ft.			10,000-ft.	

TEMPERATURE.

MEAN. Dry. 8 a. m.	8 p. m.	(8+8)÷2 (g)	Wet. 8 a. m.	8 p. m.	Monthly. (g)	Max.	Min.	Monthly. (g)	Sea-level. (g)	3,500-ft. (g)	10,000-ft. (g)	Highest. (i)	Date. (i)	Lowest. (i)	Date. (i)	Absolute range.	Greatest daily range. (i)	Date. (i)	Least daily range. (i)	Date. (i)
29.0			27.8			38.8	26.4	32.6				61	10"	3	28"	58	27	31"	2	30"

Dew-point. 8 a. m.	8 p. m.	Monthly. (g)	Relative Humidity. 8 a. m.	8 p. m.	Monthly. (g)	Vapor Pressure. 8 a. m.	8 p. m.	Monthly. (g)	Number of days with—(j) Maximum. 32° or below.	90° or above.	Minimum. 32° or below.	Zero or below.
25.7			86.4			.147			5	0	25	—

WIND.

Total movement (mid. to mid.).	Average hourly velocity.	Prevailing direction. (p)	Maximum velocity. (r)	Direction. (r)	Date. (r)	Number of times wind observed from the— N.	NE.	E.	SE.	S.	SW.	W.	NW.	Calm.
6115	8.2	SW	41	SW	10"	0	2	3	3	2	6	8	6	1

WEATHER.

Mean Cloudiness. 8 a. m.	8 p. m.	Monthly. (t)	Sunshine. Percentage of possible.	Number of Days. Clear.	Partly cloudy.	Cloudy.	Number of Days with Precipitation (Mid. to Mid.). Clear. (u)	Partly cloudy. (u)	Cloudy. (u)
5.7		6.2	50	9	8	14	0	0	8

MISCELLANEOUS PHENOMENA.

DATES OF—(MIDNIGHT TO MIDNIGHT).

Frosts. Light.	Heavy.	Killing.	Thunderstorms. (v)	Winds. (40 miles or over.)	Solar Halos.	Lunar Halos.	Fog. Light.	Dense.	Haze. Light.	Dense.	Smoke. Light.	Dense.	Hail.	Aurora.
—	—	—	None	10"-31"	None	25"	9"-13"-15" 19"-21"	9"-13"-15"-19"	None	None	None	None	None	None

PRECIPITATION (in inches and hundredths). (m)

Total amount.	Greatest amount in 24 consecutive hours. Am't.	Date. (k)	Excessive. 2.50 inches in 24 hours. (l) * Am't.	Duration. h. m.	Date. (k)	1 inch per hour. (l) Am't.	Duration. h. m.	Date. (k)	Number of days with—(Mid. to Mid.). Trace.	.01 or more.	.04 or more.	.25 or more.	1.00 or more.	Total.	Snow. Trace or more.	.01 or more melted.	Snow. Total depth. (o)	Average depth at end of month.
2.04	.55	9" & 10"	None	—		None	—		9	8	6	4	0	17	11	4	9.9	1.0

Tipping bucket gage not in use.

(w) Maximum precipitation in 5 minutes ____, date ____; 10 minutes ____, date ____; 15 minutes ____, date ____;

30 minutes ____, date ____; 1 hour ____, date ____; 2 hours ____, date ____

EXCESSIVE.

Date.	Total duration. From—	To—	Total am't of precipitation.	Excessive rate. Began—	Ended—	Am't before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
None recorded. Tipping bucket gage not in use.																				

*The duration is the time precipitation was actually recorded.

8—154

Prepared by S. P. Pelerson S. P. Pelerson, Observer, Weather Bureau.

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at La Salle, Ill., for the Month of December, 1911.

Number of Station barometer, 597; sum of corrections, -.005 inch.

Date.	Special Observations. Time. 75th Mer.	Time. Local (standard).	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.)	Barometer. Reduced to sea-level.	Thermometers. Dry.	Thermometers. Wet.	Dew-point.	Depression of the dew-point.	Relative humidity.	Maximum thermometer.	Wind. Direction.	Wind. Velocity. †	Wind. Max. since last observation.	Wind. Direction.	Precipitation. ††	Clouds. Am't.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.	Special Phenomena.	Initials of Observer.	Date.
10	3:45p	2:45p	67.0	29.182	-.106	29.076	29.64	54.5	49.0	44	10	68	61.0	SW	34	41	SW	T	10	Stcu	SW	Cloudy		[illegible]	
14	1:00p	12:00M	75.0	29.636	-.130	29.506	30.11	39.0	36.0	37	7	76	39	E	12	—	—	0	1	Cst	W	Clear	Kirby	[illegible]	
19	2:45p	1:45p	74.5	30.039	-.129	29.910	30.52	31.0	28.5	24	7	74	31.0	NE	6	—	—	T	2	Cist	W	Clear	Kirby	S.P.F.	
26	11:40a	10:40a	67.0	29.155	-.106	29.051	29.64	33.0	32.8	33	0	98	33.0	E	16	21	E	.05	10	Nb	E	Rain	Kolmodi	[illegible]	

If additional space is required, rule a sheet similar to this, and paste to this margin. † By dial when self-register is out of order. †† T indicates trace of precipitation.

8—154

Form No. 1002—Met'l.

U. S. Department of Agriculture,

WEATHER BUREAU.

ANNUAL METEOROLOGICAL SUMMARY

FOR

191 1

STATION:

LA SALLE, ILL.

LOCATION OF OFFICE DECEMBER 31, 191 1

Street, Gooding

Number, 221

Rooms, 210 & 211.

SUM OF BAROMETER CORRECTIONS.

From 7 a m. Jan 1 *to* 7 p m. Dec 31 *inc.,* .00 *in.*

From ..... *m.* ..... *to* ..... *m.* ..... *inc.,* ..... *in.*

From ..... *m.* ..... *to* ..... *m.* ..... *inc.,* ..... *in.*

ANNUAL METEOROLOGICAL SUMMARY FOR 191[illegible].—STATION LASALLE, ILL.

Latitude N. 41 ° 20 '. Longitude W. 89 ° 05 '. Local time 0 h. 56 min. (t) slower than 75th meridian time.

MONTHS.	STATION PRESSURE. (Corrected for temperature, instrumental error, gravity, and removal.) Station Elevation of Barometer Cistern Above Mean Sea-Level 536 Feet. Mean. 8 a. m. (c) In.	Mean. 8 p. m. (c) In.	Mean. Corrected monthly. (c) In.	Highest observed. (c) In.	Date.	Lowest observed. (c) In.	Date.	Absolute range. (c) In.	TEMPERATURE. Elevation of Dry Thermometer Bulb Above Ground on Dec. 31, [illegible] Feet. Mean. 8 a. m. (d) °	Mean. 8 p. m. (d) °	From Self-Registering Instruments. Mean. Max. (d) °	Mean. Min. (d) °	Mean. Monthly. (d) °	Highest. (e)	Date.	Lowest. (e)	Date.	Range. Absolute. (e)	Range. Mean daily. (d) °	Mean daily range. (d) °	No. of Days. Max. 32° or below	Max. 90° or above	Min. 32° or below
Jan.,	29.500	–	29.582	30.045	16	28.882	8	1.159	23.9	–	34.6	18.6	26.6	53	26	-1	3	54	16.0	7.8	11	0	[illegible]
Feb.,	29.582		29.571	30.14[illegible]	28	28.863	14	1.278	27.2		37.9	23.6	30.8	59	17	4	10	55	14.4	5.5	10	0	22
Mar.,	29.503	–	29.485	29.972	13	28.943	29	1.029	31.6	–	49.2	29.6	39.4	76	21	13	16	63	19.6	6.5	1	0	22
April,	29.530	–	29.510	30.003	24	28.884	6	1.119	42.1		56.3	38.7	47.5	72	26	23	1	49	17.6	3.1	0	0	[illegible]
May,	29.478	–	29.454	29.858	5	28.938	1	0.920	61.0	–	79.6	55.6	67.6	75	25	32	2	63	24.0	4.4	0	5	[illegible]
June,	29.421	–	29.394	29.608	29	29.152	17	0.456	68.5	–	85.8	63.2	74.5	100	9	51	28	49	22.6	5.2	0	[illegible]	[illegible]
July,	29.485	–	29.459	29.656	13	28.956	23	0.700	69.3	–	86.4	64.4	75.4	101	3	50	26	51	22.0	3.4	0	[illegible]	[illegible]
Aug.,	29.489	–	29.465	29.726	29	29.241	1	0.485	64.1	–	82.0	61.4	71.7	94	16	47	30	47	20.6	3.6	[illegible]	[illegible]	[illegible]
Sept.,	29.513	–	29.492	29.782	22	29.210	14	0.572	60.6	–	76.3	55.0	67.2	92	1	43	[illegible]	49	18.3	[illegible]	[illegible]	[illegible]	[illegible]
Oct.,	29.524	–	29.504	29.868	27	29.096	17	0.772	45.7	–	60.2	43.4	51.8	85	3	30	27	55	16.8	5.3	0	0	3
Nov.,	29.474	–	29.457	30.255	2	28.856	11	1.399	29.6	–	41.1	25.3	33.2	76	11	9	29	67	15.8	7.3	6	0	23
Dec.,	29.554	–	29.545	30.023	19	29.051	26	0.972	27.0	–	38.8	26.4	32.6	61	10	3	28	58	[illegible]	5.1	5	[illegible]	[illegible]
Sum,	354.14[illegible]		353.720	Highest.	Date	Lowest.	Date.	10.861	552.6	–	728.2	508.0	618.2	Max.	Date.	Min.	Date.	660	220.4	62.2	33	30	[illegible]
Mean,	29.512	–	29.473	30.255	Nov. 2	28.856	Nov. 11	0.905	46.0	–	60.7	42.3	51.5	101	Jan. 3	-1	June 3	55	18.4	[illegible]	[illegible]	[illegible]	[illegible]

a Omit data from this space. c To thousandths. d To tenths. e To whole numbers. f Enter the word "faster," or "slower," as the case may be.

MONTHS.	CORRECTED MEAN MONTHLY REDUCED PRESSURES AND MEAN MONTHLY REDUCED TEMPERATURES. Sea-Level. Pressure. (c)	Sea-Level. Temperature. (d)	3,500-foot. Pressure. (b)	3,500-foot. Temperature. (d)	10,000-foot. Pressure. (b)	10,000-foot. Temperature. (d)	DEW-POINT. Mean. 8 a. m. (e)	Mean. 8 p. m. (e)	Mean. Monthly. (e)	RELATIVE HUMIDITY (Percentage). Mean. 8 a. m. (e)	Mean. 8 p. m. (e)	Mean. Monthly. (e)	VAPOR PRESSURE. Mean. 8 a. m. (e)	Mean. 8 p. m. (e)	Mean. Monthly. (e)
	In.	°	In.	°	In.	°	°	°	°	%	%	%	In.	In	In.
Jan.,	30.183						20			83			.123		
Feb.,	30.167						23			82			.132		
Mar.,	30.075						26			79			.145		
April,	30.093						37			83			.234		
May,	30.023						51			72			.405		
June,	29.956						60			76			.534		
July,	30.023						60			73			.532		
Aug.,	30.031						60			88			.536		
Sept.,	30.063						58			92			.493		
Oct.,	30.083						43			89			.287		
Nov.,	30.051						25			83			.152		
Dec.,	30.139						26			86			.147		
Sum,	360.887						489			986			3.720		
Mean,	30.074						41			82			.310		

MONTHS.	PRECIPITATION. (Amount in inches and hundredths.) Elevation of Top of Gage Above Ground Dec. 31, ... Feet. Total Amount.	Greatest Amount in any 24 Consecutive Hours. Amt.	Greatest Amount in any 24 Consecutive Hours. Date.	Excessive. 2.50 inches in 24 hours. (g) (h) Amt.	2.50 inches in 24 hours. Dur't'n. (h.&m.)	2.50 inches in 24 hours. Date.	1 inch per hour. (g) Amt.	1 inch per hour. Dur't'n. (h.&m.)	1 inch per hour. Date.	SNOWFALL (total depth.)
	In.	In.		In.			In.			In.
Jan.,	1.78	1.42	13 14"	- none -			- none -			5.7
Feb.,	2.16	1.13	5"	- none -			- none -			[illegible]
Mar.,	1.31	0.63	11 12"	- none			- none			7.7
April,	3.37	0.81	3 4"	- none -			- none			[illegible]
May,	1.97	1.63	2 29"	- None -			1.40	0:33	28"	
June,	3.32	1.98	24"	None -			None -			0
July,	3.16	0.94	23"	None -			None -			
Aug.,	6.45	3.27	11 12	4.44	8:00	11 12"	1.39 1.00 1.00 1.25 1.01	0:54 0:41 0:32 0:45 0:40	12 12 6 [illegible] [illegible]	
Sept.,	7.42	1.90	6 7	None -						
Oct.,	2.40	0.54	30"	None -			None -			[illegible]
Nov.,	2.26	0.86	11"	None -			None -			1.1
Dec.,	2.04	0.55	9 10"	None -			None -			[illegible]
Sum,	37.64	"	"	"	"	"	"	"	"	29.7
Mean,	"	3.27	11 12	"	"	"	"	"	"	"

b To hundredths. *g* No entry unless the precipitation actually equaled or exceeded 2.50 inches in 24 consecutive hours, or 1 inch per hour, as the case may be. *h* The duration is the time precipitation was actually recorded.

Months.	Mean Cloudiness. (0 to 10.) 8 a.m. (d)	8 p.m. (d)	Monthly. (d)	Hours of Sunshine. Total.	Possible.	Percentage.	Wind. Elevation of Anemometer Cups Above Ground Dec. 31, 64 Feet. Total Movement in Miles.	Prevailing Direction.	Maximum Hourly Velocity During Month. Miles.	From.	Date.	No. of Days with 40 Miles and Over. (h)	Direction. Number of Times Observed Blowing from the— N.	NE.	E.	SE.	S.	SW.	W.	NW.	No. of Calms.	Number of Days. Clear.	Partly Cloudy.	Cloudy.	Precipitation. .01 inch and over.	.04 inch and over.	Snow, trace and over.	Snow, .01 inch and over.	Hail.	Dense Fog.	Thunderstorms.	Auroras.
Jan.,	7.9		7.6	92.9	298.2	31	6490	SW	39	NW	8	0	0	5	1	1	5	7	6	6	0	2	12	17	15	6	9	4	0	1		
Feb.,	5.8		6.3	129.4	298.2	43	6411	W	34	W	2	0	2	5	2	1	2	4	7	5	0	8	5	15	9	8	7	3	0	2		
Mar.,	4.1		4.8	249.3	370.8	67	7483	W	42	NW	15	1	3	5	3	6	0	2	7	4	1 0	12	10	9	7	6	6	3	0	1	1	
April,	5.3		6.3	214.6	399.9	54	6486	NE	34	W	15	0	4	9	4	5	1	1	3	3	0	10	4	16	12	11	2	1	0	0	3	
May,	3.1		3.9	356.5	449.0	79	6115	SW	31	W	19	0	1	4	2	2	1	7	10	1	1	14	12	5	4	4	0	0	0	0		
June,	4.1		4.1	330.8	452.0	73	4907	SW	33	SW	11	0	1	4	5	4	4	5	5	2	0	14	11	5	8	6	0	0	0	0		
July,	3.3		3.5	373.3	458.3	81	4778	SW	31	NW	24	0	3	4	2	2	5	8	4	3	0	17	11	3	9	9	0	0	0	0	8	
Aug.,	4.7		4.2	315.8	426.9	74	4013	NE	37	NW	9	0	1	8	5	4	4	3	2	4	0	13	14	4	10	10	0	0	0	1	7	
Sept.,	6.1		5.9	188.7	374.0	50	4415	E	35	SE	7	0	1	8	8	3	0	3	4	2	1	7	11	12	19	15	0	0	1	3		
Oct.,	5.5		6.0	153.2	344.1	54	[illegible]	W	36	SW	3	0	3	6	1	1	3	3	6	5	1	6	12	13	12	7	1	1	1	3	3	
Nov.,	5.4		5.8	156.8	297.0	53	7829	W	37	NW	11	0	0	2	2	1	3	6	10	6	0	10	7	13	12	7	10	3	0	0		
Dec.,	5.7		6.2	144.1	287.3	50	6115	SW	41	SW	10	2	0	2	3	3	2	6	8	6	1	9	8	14	8	6	11	4	0	4		
Sum,	61.0		64.6	2737.4	4455.7	709	70158	a j	a j	a j	a j	3	19	62	38	33	30	59	72	47	5	122	117	126	125	99	46	19	2	15	56	
Mean,	5.1		5.4	228.1	371.3	59	a	W	42	NW	Mar 15	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	

h Days with 40 miles per hour and over. j One entry only.

WIND.

Mean Hourly Velocity.

MONTHS.	1 a. m.	2 a. m.	3 a. m.	4 a. m.	5 a. m.	6 a. m.	7 a. m.	8 a. m.	9 a. m.	10 a. m.	11 a. m.	12 Noon.	1 p. m.	2 p. m.	3 p. m.	4 p. m.	5 p. m.	6 p. m.	7 p. m.	8 p. m.	9 p. m.	10 p. m.	11 p. m.	12 Mid't.	For the Month.
Jan.,	8.9	8.5	8.2	8.1	8.2	7.7	8.4	8.5	8.8	8.7	9.7	10.5	10.7	10.4	10.4	9.6	8.8	7.8	7.3	7.6	7.8	7.5	8.3	8.7	8.7
Feb.,	8.2	9.2	8.8	9.5	9.1	9.3	9.1	9.3	9.9	10.6	10.9	11.3	11.6	11.4	10.5	10.5	9.7	8.7	8.0	8.2	8.2	9.2	9.1	8.6	9.5
Mar.,	8.4	7.9	8.5	8.6	8.2	8.6	8.8	9.8	11.5	12.5	12.6	13.1	13.7	12.9	12.9	12.6	11.7	10.4	8.3	8.4	8.4	8.0	8.0	7.6	10.1
April,	7.7	6.8	6.3	6.6	6.6	6.9	8.0	8.3	8.8	9.8	10.5	11.5	11.6	12.0	12.2	12.1	11.7	10.6	8.4	7.8	7.8	8.0	8.0	8.1	9.0
May,	5.3	4.5	4.6	4.7	4.8	5.0	6.3	7.4	9.5	10.5	11.3	11.7	12.1	12.6	13.0	12.9	12.7	10.9	8.5	6.2	5.5	5.7	6.2	5.3	[illegible]
June,	5.1	4.6	4.3	4.5	4.1	4.5	6.1	7.3	7.8	8.0	8.7	8.8	9.8	10.2	9.9	10.0	9.3	7.9	6.4	5.4	4.9	5.3	5.2	5.5	6.[illegible]
July,	4.7	4.5	4.2	3.9	3.8	4.0	4.8	6.0	7.4	7.9	8.9	9.4	9.3	9.7	9.3	9.1	8.5	7.9	6.0	5.1	4.8	4.8	[illegible]	[illegible]	[illegible]
Aug.,	4.1	3.7	3.8	3.6	3.8	3.2	3.7	5.0	6.5	7.0	7.3	7.0	7.7	7.9	7.9	7.6	6.6	6.1	5.0	4.9	3.9	4.6	4.6	3.9	[illegible]
Sept.,	5.6	5.2	5.1	4.7	4.2	4.5	5.3	5.7	6.4	6.7	7.4	7.3	7.6	8.5	8.4	7.6	6.6	6.1	5.5	5.8	6.1	6.2	5.4	5.3	6.[illegible]
Oct.,	5.4	4.9	4.8	5.3	5.4	5.5	5.6	6.6	7.4	8.6	9.2	9.1	9.6	10.0	10.1	9.4	8.1	7.1	6.4	6.0	5.4	5.3	4.9	4.9	6.9
Nov.,	10.1	9.3	9.5	9.7	9.6	9.3	9.8	10.9	11.5	12.0	12.4	12.5	13.3	13.0	12.3	12.0	10.7	10.1	10.1	10.1	10.5	10.9	10.7	10.7	10.9
Dec.,	6.7	6.7	6.8	7.7	8.1	8.0	8.0	8.1	8.4	8.9	10.2	10.2	10.2	10.5	9.4	8.7	7.9	7.6	7.4	8.3	7.4	7.6	7.5	6.9	[illegible]
Sum,	80.2	75.8	74.9	76.9	75.9	76.5	83.9	92.9	103.9	111.2	119.1	122.4	127.2	129.1	126.3	122.1	112.6	101.2	87.3	83.8	80.8	83.2	82.6	80.3	96.2
Mean,	6.7	6.3	6.2	6.4	6.3	6.4	7.0	7.7	8.7	9.3	9.9	10.2	10.6	10.8	10.5	10.2	9.4	8.4	7.3	7.0	6.7	6.9	6.9	6.7	8.0

MEAN HOURLY ATMOSPHERIC TEMPERATURE.—(By Richards' Thermograph.)

MONTHS.	1 a. m.	2 a. m.	3 a. m.	4 a. m.	5 a. m.	6 a. m.	7 a. m.	8 a. m.	9 a. m.	10 a. m.	11 a. m.	12 Noon.	1 p. m.	2 p. m.	3 p. m.	4 p. m.	5 p. m.	6 p. m.	7 p. m.	8 p. m.	9 p. m.	10 p. m.	11 p. m.	12 Mid't	For the Month
Jan.,	25.2	24.6	24.1	23.5	23.5	23.6	23.9	23.8	24.4	25.4	26.6	27.8	28.9	29.7	30.3	30.5	29.8	29.0	28.5	27.9	(2h.) 27.1	26.7	[illegible]	[illegible]	26.4
Feb.,	29.5	29.1	28.9	28.5	28.2	27.7	27.2	27.1	28.0	29.6	30.7	32.4	33.5	34.4	35.1	35.4	34.9	33.8	33.6	32.0	31.4	30.9	30.2	29.4	[illegible]
Mar.,	35.6	34.7	34.3	33.6	32.7	31.9	31.6	33.6	36.1	38.3	39.9	41.6	43.0	44.4	45.5	46.4	45.8	44.9	42.6	40.4	39.1	38.0	37.3	36.3	38.6
April,	43.3	42.2	41.4	41.0	40.7	40.5	42.2	44.9	47.2	49.6	51.2	52.3	53.4	54.2	54.2	54.0	54.0	52.4	51.2	49.7	48.2	46.8	45.9	44.8	[illegible]
May,	60.8	59.8	58.9	58.1	57.2	58.2	61.0	66.2	69.7	72.2	73.7	75.3	76.8	77.5	77.7	77.1	76.5	74.7	72.4	69.7	67.5	65.8	64.1	62.5	[illegible]
June,	65.1	64.2	66.3	65.5	65.0	66.2	68.4	72.3	74.9	77.9	80.3	82.1	83.2	84.1	84.1	84.7	84.6	82.9	80.0	77.2	75.2	73.1	71.5	69.8	76.2
July,	67.9	68.9	65.0	67.3	66.2	66.9	67.3	71.9	74.9	78.0	80.3	82.2	83.4	84.9	84.5	84.8	84.8	84.4	81.8	78.2	75.4	73.2	71.8	70.2	[illegible]
Aug.,	66.0	65.1	64.1	63.3	62.6	62.5	64.0	66.8	70.4	73.5	76.0	77.7	78.8	79.8	80.0	80.8	80.6	79.3	76.3	74.1	71.9	69.7	67.9	66.4	[illegible]
Sept.,	63.3	62.6	61.9	61.2	60.8	60.4	60.6	61.8	64.1	66.7	68.7	70.5	72.6	74.3	75.2	75.3	74.9	73.3	70.6	67.0	64.4	61.6	60.4	60.7	[illegible]
Oct.,	48.3	47.9	47.6	47.2	46.6	46.4	45.8	46.6	49.6	52.7	55.3	56.9	58.0	58.9	59.3	58.5	57.5	55.5	53.5	52.1	51.1	50.2	49.1	48.7	51.8
Nov.,	31.9	31.6	31.7	31.3	30.9	30.3	29.6	29.8	31.5	33.9	36.0	36.7	37.9	38.4	38.5	38.1	36.5	35.2	34.4	33.5	33.1	32.6	32.3	31.9	[illegible]
Dec.,	31.5	31.3	31.1	30.7	30.2	29.5	28.7	28.6	29.7	31.4	32.9	34.6	36.0	36.7	36.7	36.2	34.8	34.0	33.4	32.7	32.2	31.8	[illegible]	[illegible]	[illegible]
Sum,	574.4	569.0	558.3	551.2	544.6	543.7	552.5	573.4	606.2	627.2	651.8	670.1	685.5	697.3	701.3	702.0	674.7	657.6	637.6	616.8	600.3	592.1	581.7	[illegible]	[illegible]
Mean,	47.8	47.1	46.5	45.9	45.4	45.3	46.0	47.8	50.0	52.4	54.3	55.8	57.1	58.1	58.4	58.5	57.9	56.6	54.8	53.0	51.6	50.4	49.4	48.5	51.6

Prepared by S. P. Peterson.

S. P. Peterson,
Observer. Weather Bureau.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Sunday, (Date) JAN 1 1911, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	36	34	34	34	35	35	36	36	36	36	37	37
				S^m B		S^m E about			R.B.			
State of weather: Nature of precipitation and time of beginning and ending				10 Ma	- -	6:00			8.55	- -	- -	- -
Amounts of precipitation				T	T	T			T	T	T	T
Cloudiness and other conditions				Cloudy								
Sunrise: Time, Character, 7:21 Cloudy												
Sunshine (in tenths of hours)								0	0	0	0	0
Wind direction	S	SW	SW	SW	S	S	SW	SW	S	S	SE	SE
Wind movement	13	15	8	7	7	5	5	6	9	6	8	10

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	37	38	38	39	39	39	40	40	40	41	41	42
							RE		R.B.			
State of weather: Nature of precipitation and time of beginning and ending	-	- -	-	- -	-	- -	6.15		8.43	-	- -	- -
Amounts of precipitation	.01	.01	T	T	T	.01	T		T	T	.01	T
Cloudiness and other conditions				Cloudy			moonrise,					
Sunset: Time, Character, 4.38 Cloudy												
Sunshine (in tenths of hours)	0	0	0	0	0							
Wind direction	SE	SE	SE	S	SE	S	S	S	S	SW	SW	SW
Wind movement	9	8	14	7	7	9	9	9	13	16	15	15

Excessive precipitation, accumulated amounts

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
42	34	38	24

Total depth of snow for 24 hours ending 7 p. m., T inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, T inches.

Precipitation to 7 a. m., T ins.; to 7 p. m., 0.3 ins.

Total precipitation, midnight to midnight, 0.4 inches.

Character of day, Cloudy Moon phase,

Actual sunshine, hours, 0

Possible sunshine, hours, 9.3

Percentage of possible sunshine, 0

Prevailing direction SW

Total movement, 230

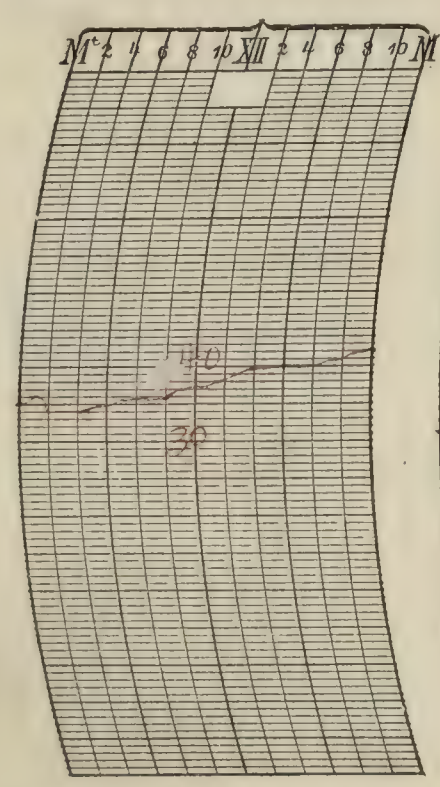
Average hourly velocity, 9.6

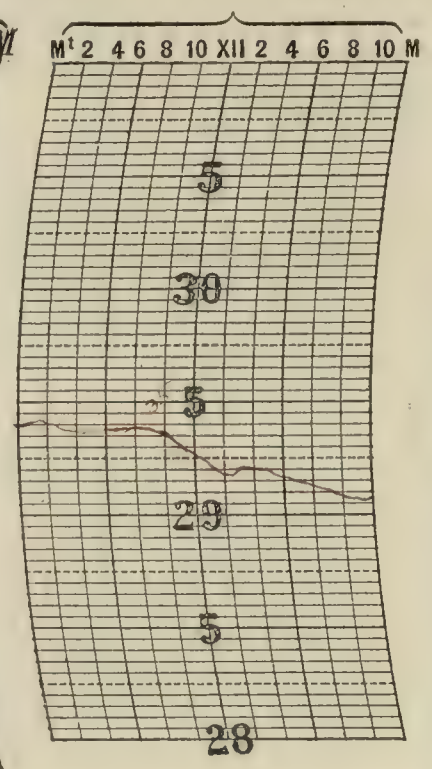
Maximum velocity,	Direction,	Time.
9.4	SW	12:00 midnight, 1st.

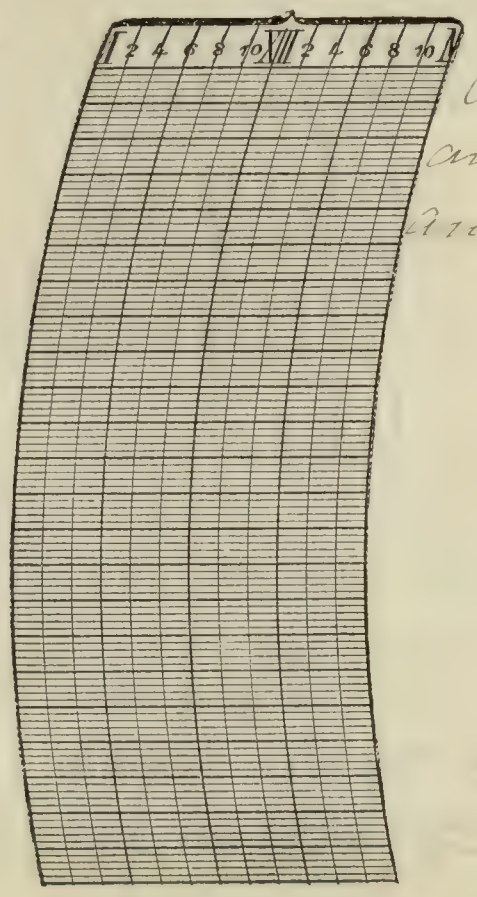
Relative humidity, 87 a. m. p. m.

Reduced barometer, 29.98 a. m. p. m.

River gage, Frozen.







NOTES.

A cold wave warning was rcd. from Chicago Ill., and Central Office 7.05 am.; signal hoisted 7.10 am, and lowered again at sunset.

Prepared by

Verified by C.M.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Monday, (Date) JAN 2 1911, 191

Time (local standard), 90th mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	33	25	20	11	8	7	6	5	6	7	8	10
	R.E.				SdB		SdE		SdB			
State of weather: Nature of precipitation and time of beginning and ending	Sna				Sna	--	6.25		8.05	-	-	- -
Amounts of precipitation	.01				T	T	T		T	T	T	T
Cloudiness and other conditions	←			→	Cloudy							
Sunrise: Time, Character,	7.21 Cloudy											
Sunshine (in tenths of hours)								0	0	0	0.7	1.0
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	26	29	26	27	25	24	27	25	25	24	26	26
Maximum velocities (exceeding 25 miles)	33	34	30	34	31	29	31	29	26	29	32	29

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	11	10	10	9	8	7	6	5	4	3	3	2
		SdE										
State of weather: Nature of precipitation and time of beginning and ending	- -	1.18										
Amounts of precipitation	T	T										
Cloudiness and other conditions	→	← Pt. Cldy	→	←			Clear					→
Sunset: Time, Character,									4.39 Cloud.			
Sunshine (in tenths of hours)	1.0	0.8	0.4	0	0							
Wind direction	W	W	W	W	W	W	W	W	W	W	W	NW
Wind movement	22	20	19	18	17	17	15	13	14	15	13	14
Maximum velocities (exceeding 25 miles)	26											

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
40	5	22	

Total depth of snow for 24 hours ending 7 p. m., T inches.

Snow on ground ---- p. m., T inches.

Total snowfall, midnight to midnight, T inches.

Precipitation to 7 a. m., .01 ins.; to 7 p. m., T ins

Total precipitation, midnight to midnight, .01 inches.

Character of day, Pt. Cldy. Moon phase, ----

Actual sunshine, hours, 3.9

Possible sunshine, hours, 9.5

Percentage of possible sunshine, 41

Prevailing direction, SW

Total movement, 513

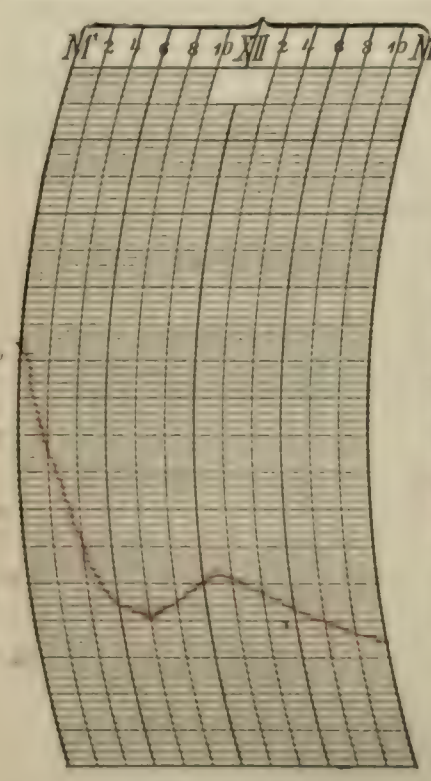
Average hourly velocity, 21.3

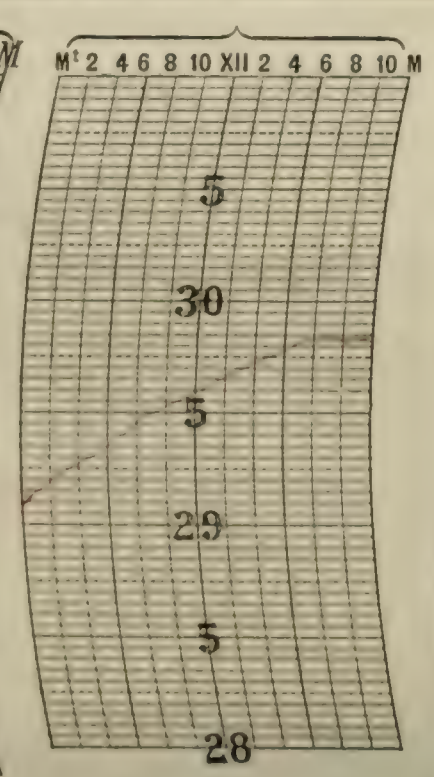
Maximum velocity,	Direction,	Time.
34	SW	3:58 a.m.

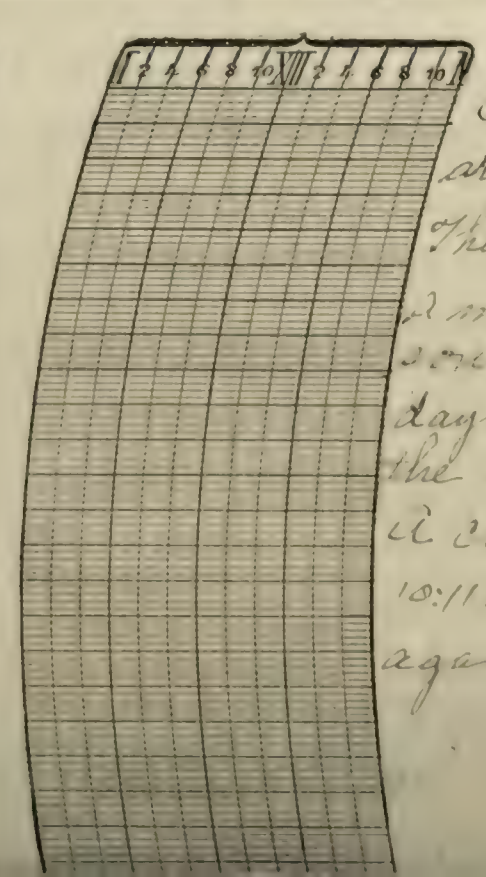
Relative humidity, 80 a. m. ---- p. m.

Reduced barometer, 30.01 a. m. ---- p. m.

River gage, Frozen







NOTES.

A severe cold wave with high southwest winds arrived during the early morning hours. The temperature fell rapidly from 42 at 12 midnight, 10 to a minimum of -10 at 8:55 a.m. Brisk to high southwest to west winds continued throughout the day with a maximum velocity of 34 miles from the SW at 3:58 a.m.

A cold wave warning was rec'd. from Chicago 10:11 a.m.; signal hoisted at 10:15 a.m., and lowered again at sunset.

Prepared by

Verified by

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Tues., (Date) JAN 3 1911, 191

Time (local standard), 90 mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	2	1	1	0	0	0	0	-1	-1	0	1	3	6	7	8	7	6	5	4	3	2	1	0	0
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions			Cloudy								Clear							moon visible						
Sunrise: Time, Character,	7:21 Cloudy																				Sunset: Time, Character, 4:40 Clear			
Sunshine (in tenths of hours)								0	0	0.1	1.0	0.9	1.0	1.0	1.0	0.9	0							
Wind direction	NW	W	NW	NW	NW	NW	NW	W	W	NW	W	W	W	W	W	W	W	W	W	W	W	W	W	W
Wind movement	11	9	9	9	9	8	11	9	11	12	13	11	9	11	11	11	11	7	7	6	6	7	8	8
Maximum velocities (exceeding 25 miles)																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
8	-1	4	24

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., T inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Pt Cldy. 4. Moon phase,

Actual sunshine, hours, 6.7

Possible sunshine, hours, 9.3

Percentage of possible sunshine, 72

Prevailing direction NW

Total movement, 224

Average hourly velocity, 9.3

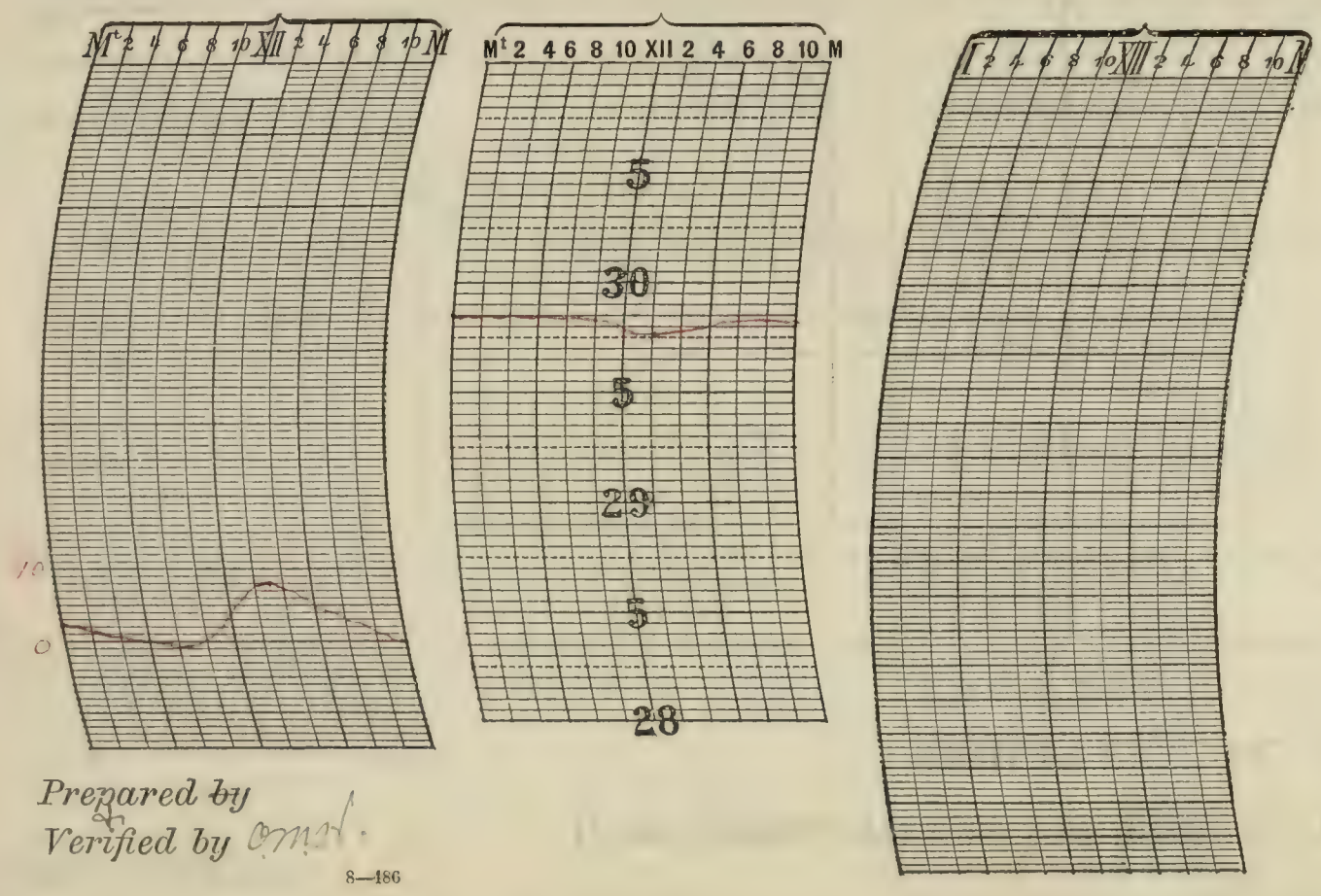
Maximum velocity,	Direction,	Time.
15	NW	9:58 a.

Relative humidity, 80 a. m. p. m.

Reduced barometer, 30.45 a. m. p. m.

River gage, Frozen

NOTES.



Prepared by
Verified by Omd.

8—186

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Wed., (Date) JAN 4 1911, 191

Time (local standard), 90 mer.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	-1	-1	-1	0	1	2	4	6	8	10	12 Sd B.	12	14	16	17	18	13 Sd F	10	8	6	6	6	6	6
State of weather: Nature of precipitation and time of beginning and ending											10:38	--	--	-	-	-	4:05							
Amounts of precipitation											T	T	←	00	→		T							
Cloudiness and other conditions			?		Cloudy							→	←	Cloudy			→	←		Clear				→

Sunrise: Time, 7:21 Character, Cloudy

Sunset: Time, 4:44 Character, Cloudy

Sunshine (in tenths of hours)								0	0	0	0	0	0	0	0	0	0							
Wind direction	W	SW	SW	SW	S	S	S	S	S	SW	SW	SW	SW	SW	SW	W	W	W	W	W	W	W	W	W
Wind movement	6	6	6	7	9	10	12	14	16	18	19	19	19	17	17	15	22	17	16	21	17	14	16	14
Maximum velocities (exceeding 25 miles)																				26				

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
18	-1	8	[illegible]

Total depth of snow for 24 hours ending 7 p. m., [illegible] inches.

Snow on ground 7 p. m., [illegible] inches.

Total snowfall, midnight to midnight, [illegible] inches.

Precipitation to 7 a. m., [illegible] ins.; to 7 p. m., [illegible] ins.

Total precipitation, midnight to midnight, [illegible] inches.

Character of day, Cloudy Moon phase,

Actual sunshine, hours,

Possible sunshine, hours, 9.3

Percentage of possible sunshine, 0

Prevailing direction W SW

Total movement,

Average hourly velocity, 11.5

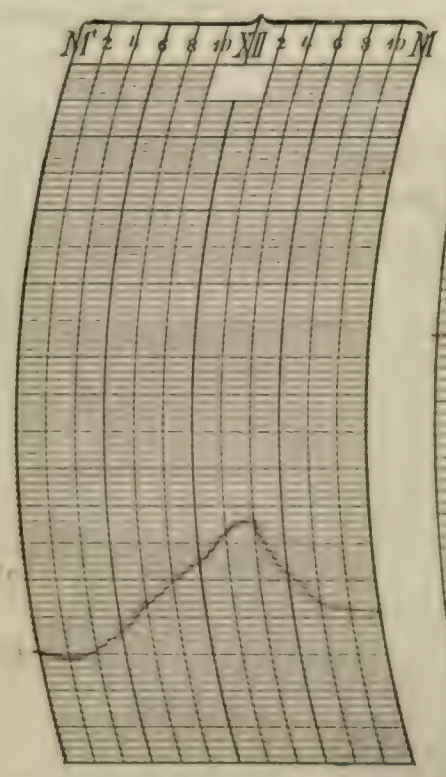
Maximum velocity.	Direction.	Time.
26	W	[illegible]

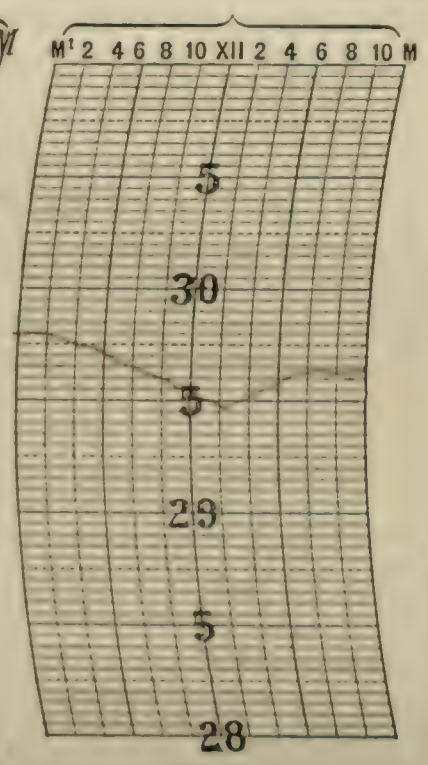
Relative humidity, 78 a. m. p. m.

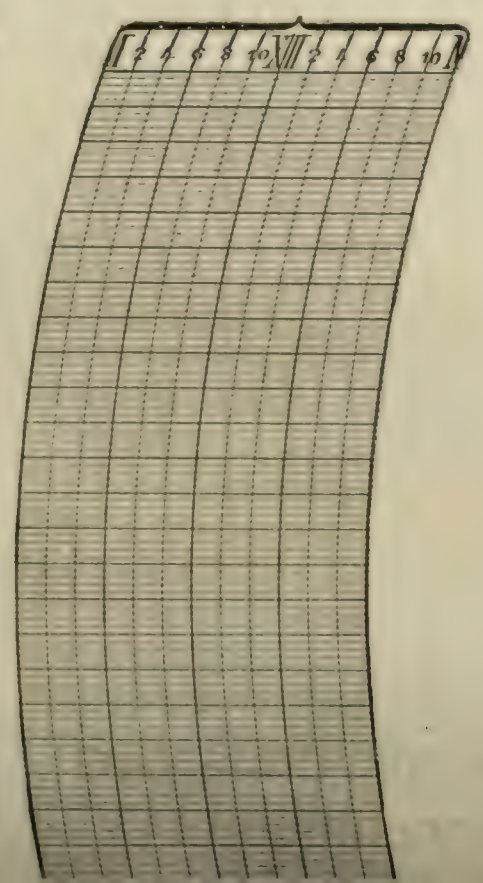
Reduced barometer, 30.30 a. m. p. m.

River gage, [illegible]

NOTES.







Prepared by

Verified by SMH.

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Thurs., (Date) JAN 5 1911, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	5	3	2	2	3	3	4	5	7	8	11	13
Nature of precipitation and time of beginning and ending									SdP 8:22		SdE 10:40	
Amounts of precipitation									T	-.02		
Cloudiness and other conditions			?		Cloudy							
Sunrise: Time, Character,	7:21 Cloudy											
Sunshine (in tenths of hours)								0	0	0	0.1	0
Wind direction	W	W	W	W	W	W	W	S	S	SE	SE	E
Wind movement	13	8	7	6	6	5	2	5	8	7	9	14

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	17	20	21	21	20	21	22	21	21	20	20	17
Nature of precipitation and time of beginning and ending			SdP 2:50	SdE 4:00								
Amounts of precipitation			T	T								
Cloudiness and other conditions				Cloudy					moon obscured			
Sunset: Time, Character,									4:42 Cloudy			
Sunshine (in tenths of hours)	P 0.2	0.1	0	0	0							
Wind direction	SE	SE	E	NE	NE	NE	NE	NE	N	W*	W	W
Wind movement	13	9	12	12	13	8	8	7	6	4	8	12

State of weather.

Maximum velocities (exceeding 25 miles)

Maximum.	Minimum.	Mean.	Normal.
29	9	17	24

Total depth of snow for 24 hours ending 7 p. m., 0.2 inches.

Snow on ground 7 p. m., 0.4 inches.

Total snowfall, midnight to midnight, .02 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0.2 ins.

Total precipitation, midnight to midnight, .02 inches.

Character of day, Cloudy 10 Moon phase,

Actual sunshine, hours, 0.4

Possible sunshine, hours, 9.4

Percentage of possible sunshine, 4

Prevailing direction W

Total movement, 209

Average hourly velocity, 8.4

Maximum velocity,	Direction,	Time.
18	E	12:25 p.

Relative humidity, 67 a. m. p. m.

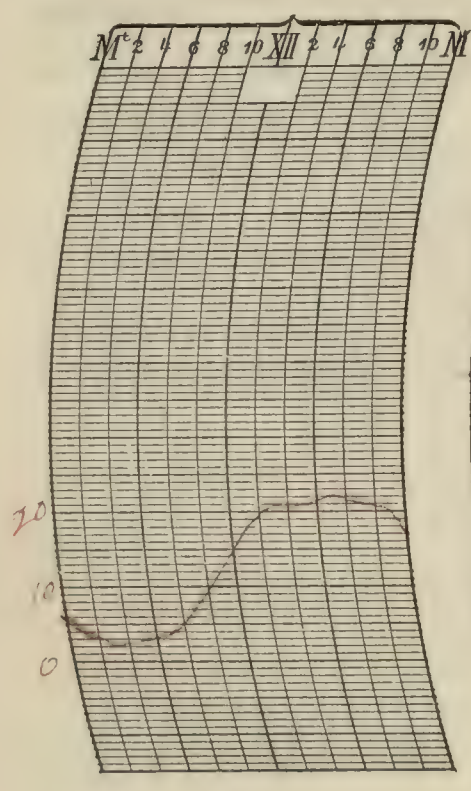
Reduced barometer, 30.28 a. m. p. m.

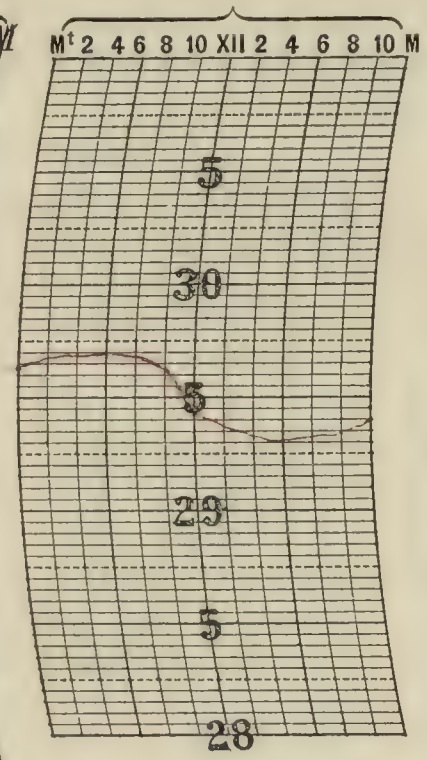
River gage, 5.0 ft.

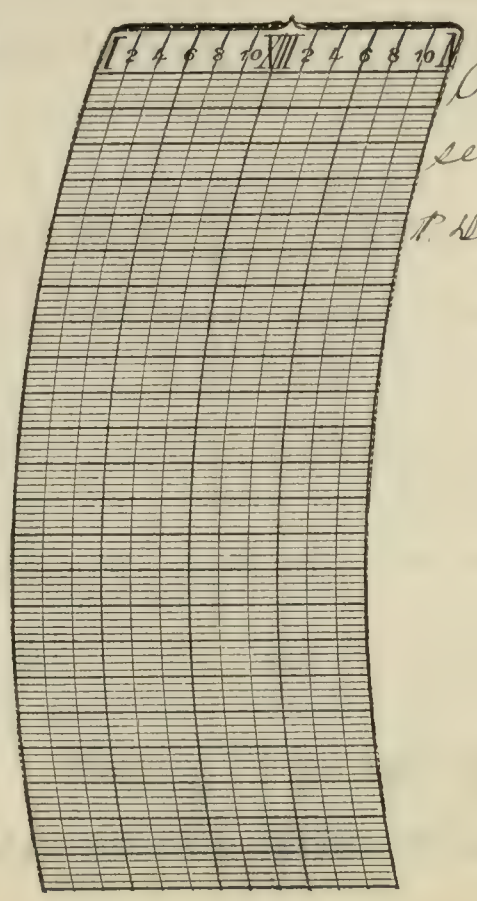
Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

*Partly interpolated.







NOTES.

A special Observation was taken, 11:40 am and sent to Central Office

P. Dim sunshine through thin clouds.

Prepared by

Verified by Cmd.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Fri., (Date) JAN 6 1911, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	15	13	12	10	10	9	8	7	6	8	11	15
State of weather: Nature of precipitation and time of beginning and ending								S.B. 7.15	S.E. 8.22			
Amounts of precipitation								T	T			
Cloudiness and other conditions	<				Cloudy			→		<	Pt Cloudy	
Sunrise: Time, Character, 7.21 Cloudy												
Sunshine (in tenths of hours)								0	0	1.0	0.8	0.8
Wind direction	W	W	W	W	W	W	W	W	W	W	W	SW
Wind movement	13	12	13	12	10	11	12	9	9	8	6	9

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	16	17	20	22	22	22	21	19	16	15	14	11
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Pt Cloudy					moon visible >	<		Clear			→
Sunset: Time, Character, 4.43 Cloudy												
Sunshine (in tenths of hours)	1.0	0.8	0.9	0.8	0							
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	O	SW	E
Wind movement	9	5	7	7	4	3	1	1	1	0	1	3

Maximum	Minimum	Mean	Normal
22	6	11	

Total depth of snow for 24 hours ending 7 p. m., T inches.

Snow on ground 7 p. m., 0.3 inches.

Total snowfall, midnight to midnight, T inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Pt Cldy 6. Moon phase, -

Actual sunshine, hours, 6.1

Possible sunshine, hours, 9.4

Percentage of possible sunshine, 65

Prevailing direction, SW

Total movement, 164

Average hourly velocity, 6.9

Maximum velocity,	Direction,	Time
16	W	

Relative humidity, 81 a. m. ..... p. m.

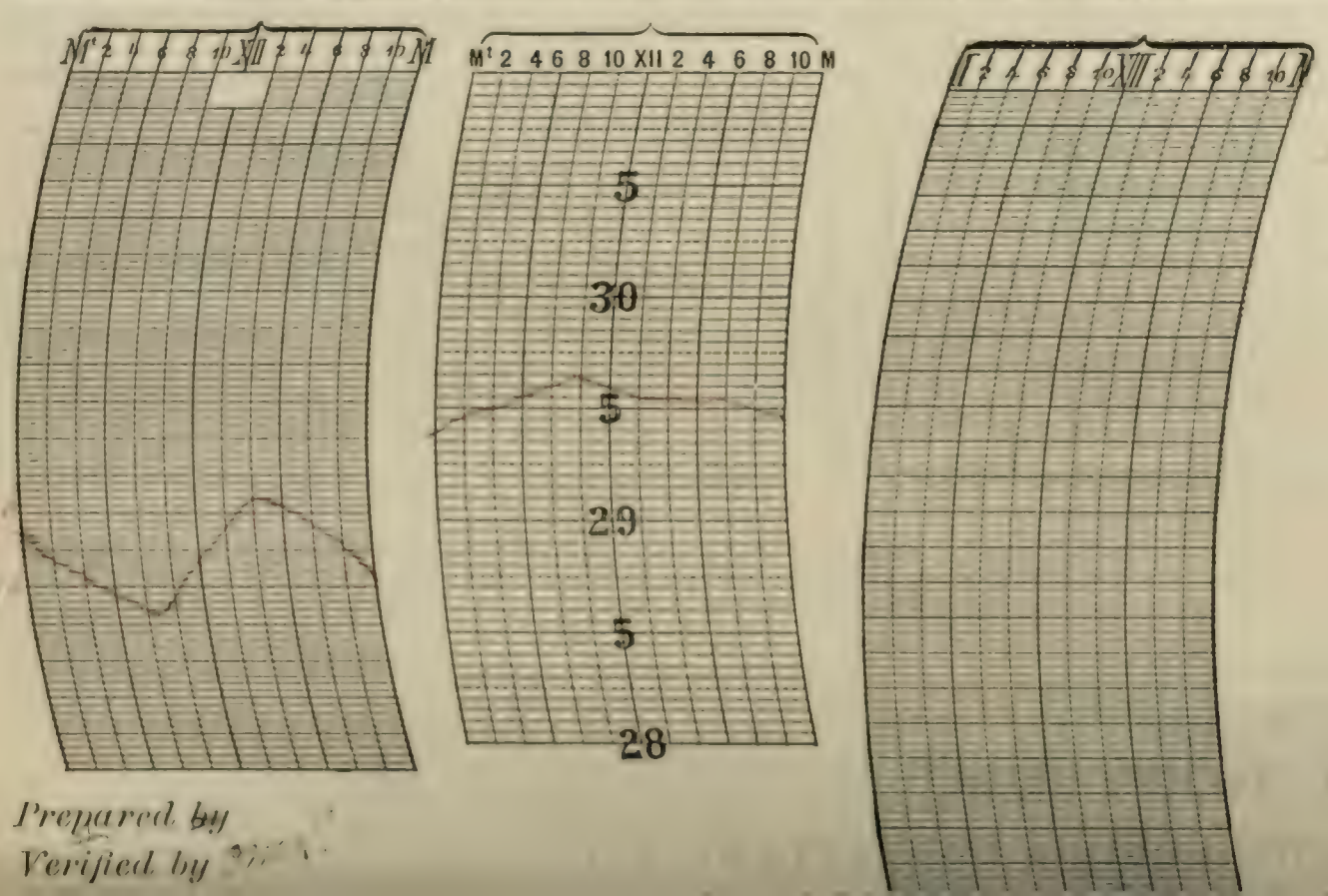
Reduced barometer, 30.15 a. m. ..... p. m.

River gage, 4.25

Excessive precipitation, accumulated amounts (exceeding 2.5 miles)

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.



NOTES.

Prepared by

Verified by

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Sat., (Date) JAN 7 1911, 191

Time (local standard), 90 mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	11	14	16	17	19	25	28	31	33	35	37	39
								RB	RE			
State of weather: Nature of precipitation and time of beginning and ending								7:50	8:28			
Amounts of precipitation								T	T			
Cloudiness and other conditions	←			Cloudy								
Sunrise: Time, Character,	7:21 Cloudy											
Sunshine (in tenths of hours)								0	0	0.4	0.9 P	0.1
Wind direction	E	E	E	E	E	S	S	SW	SW	SW	S	SW
Wind movement	3	2	3	2	3	3	5	9	4	4	6	9

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	42	44	45	44	43	41	41	39	38	36	37	36
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	← Pt. Cldy → ← Clear moon observed. → ?											
Sunset: Time, Character,									4:44 Cloudy			
Sunshine (in tenths of hours)	1.0	1.0	0.5	0.3	0.1 φ							
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	8	8	10	6	5	6	5	3	4	5	7	3

Maximum velocities (exceeding 25 miles)

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

≠ Partly interpolated. φ Partly eye-obs.

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
46	11	28	24

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., T inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Pt. Cldy 6 Moon phase, 1

Actual sunshine, hours, 4.3

Possible sunshine, hours, 9.4

Percentage of possible sunshine, 46

Prevailing direction SW

Total movement, 123

Average hourly velocity, 5.1

Maximum velocity,	Direction,	Time.
X 13	SW	10:12 p

Relative humidity, 86 a. m. ____ p. m.

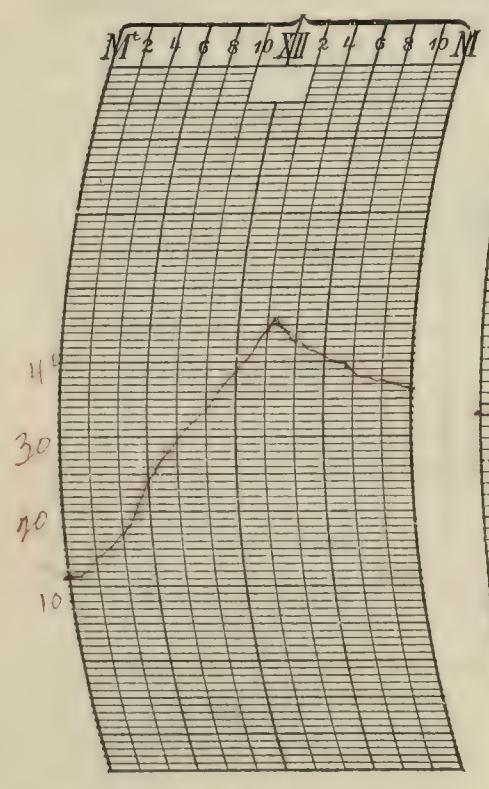
Reduced barometer, 29.97 a. m. ____ p. m.

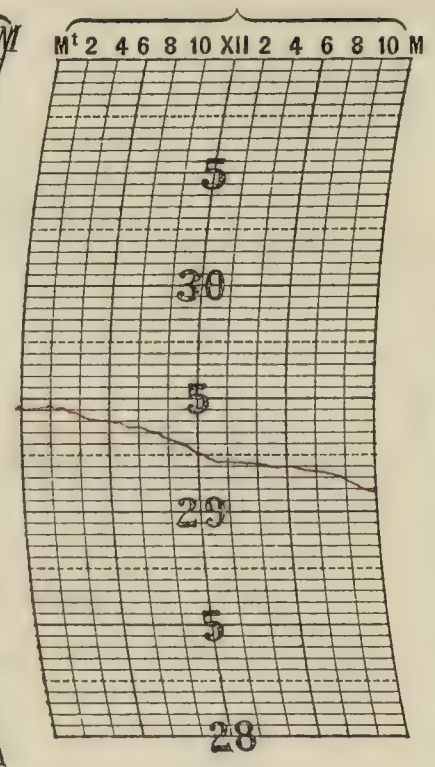
River gage, frozen

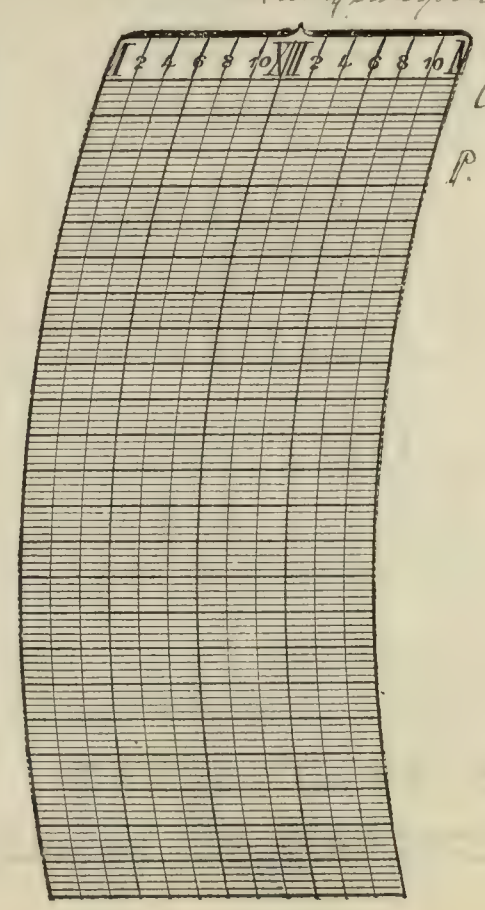
NOTES. X For 23 h. 30 m.

A lunar halo was observed at 8:00 p.m.

P. Sunshine at 8th. Cloudy







Prepared by
Verified by OMH.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Sund., (Date) JAN 6 191, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	36	36	36	37	40	38	40	40	38	31	32	30
State of weather: Nature of precipitation and time of beginning and ending					RB about 4:15 RE Rna				RB 8:25 RE 8:38			
Amounts of precipitation					.01				T			
Cloudiness and other conditions					Cloudy							
Sunrise: Time, 7.21 Character, Cloudy												
Sunshine (in tenths of hours)								0	0.1	T 0.2	0	0
Wind direction	S	SW	S	S	SW	SW	W	W	W	W	W	W
Wind movement	6	11	8	15	14	13	19	21	29	30	29	28
Maximum velocities (exceeding 32 miles)								31	36	34	32	32

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	29	24	27	22	23	22	21	20	19	18	17	15
State of weather: Nature of precipitation and time of beginning and ending	SD 12:12		SD E 2:05									
Amounts of precipitation	T	T	T									
Cloudiness and other conditions	Hldy					Clear						
Sunset: Time, 4.45 Character, Clear												
Sunshine (in tenths of hours)	0	0.1	0.5	0.6 0.2	.75 0							
Wind direction	W	W	W	W	W	W	W	W	W	W	W	W
Wind movement	29	28	32	27	24	24	22	20	16	16	17	17
Maximum velocities (exceeding 32 miles)	32	35	51	35	29	26	27					

/ hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
40	13	26	23

Total depth of snow for 24 hours ending 7 p. m., T inches.

Snow on ground 7 p. m., T inches.

Total snowfall, midnight to midnight, T inches.

Precipitation to 7 a. m., [illegible] ins., to 7 p. m., T ins.

Total precipitation, midnight to midnight, T inches. Fa

Character of day, Clear. Moon phase, [illegible]

Actual sunshine, hours, 2

Possible sunshine, hours, 9.4

Percentage of possible sunshine, 26

Prevailing direction, W

Total movement, [illegible]

Average hourly velocity, 20.8

Maximum velocity,	Direction,	Time
39	NW	2:57 p.

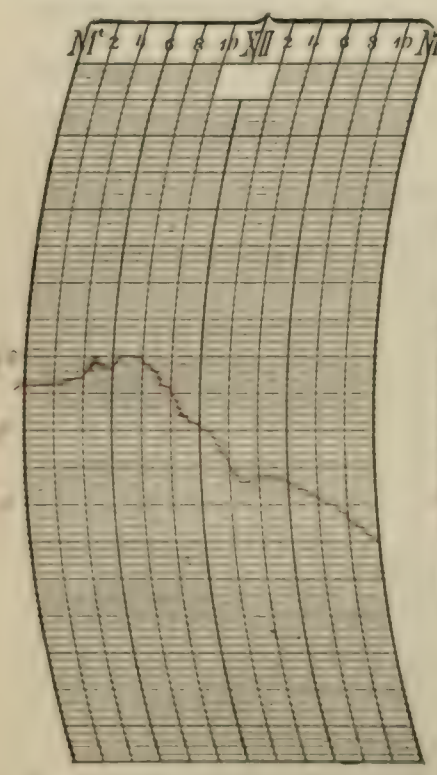
Relative humidity, 75 a. m., ... p. m.

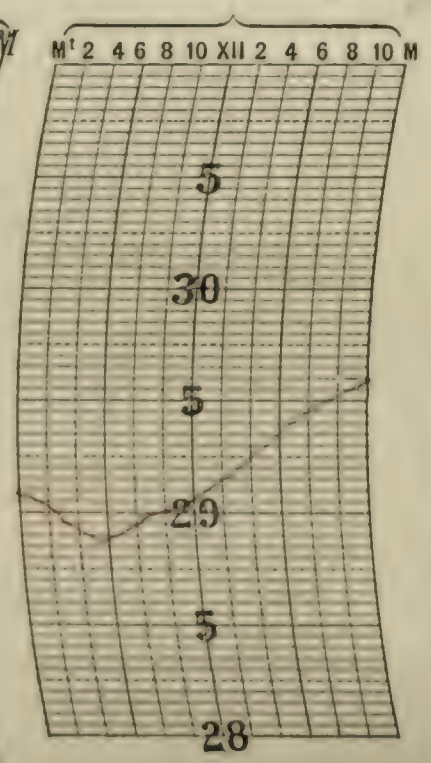
Reduced barometer, 29.46 a. m., ... p. m.

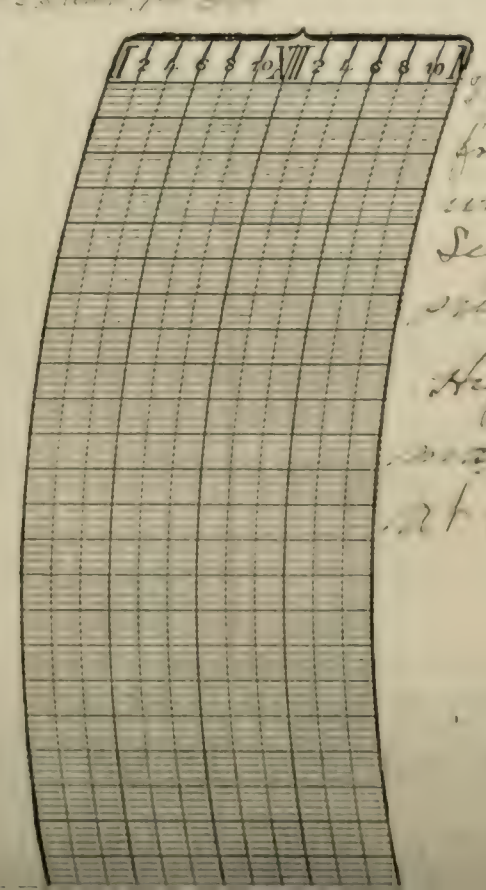
River gage, Frozen

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.







NOTES.

The following Cold wave warning was received from Chicago, Ill. 10:25 a.m.: Cold wave, temperature will fall to ten below zero Monday morning. Cold Signal hoisted 10:30 a.m.; and lowered again at noon.

High westerly winds continued throughout the day, maximum velocity 39 miles, broken from NW at 2:57 p.m.

Prepared by

Verified by MCH.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Mond., (Date) JAN 9, 1911, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	14	13	12	12	11	10	9	9	10	13	17	21
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions				Clear					PC			
Sunrise: Time, Character,	7:21 Clear											
Sunshine (in tenths of hours)								0.5	0.0	0.8	1.0	1.0
Wind direction	W	W	W	W	W	W	W	W	W	W	SW	SE
Wind movement	16	14	11	11	7	7	4	9	4	9	5	3
Maximum velocities (exceeding 25 miles)												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	24	27	28	29	29	28	27	27	26	26	27	27
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Cloudy				PC				Clear			
Sunset: Time, Character,									4:46 Cloudy			
Sunshine (in tenths of hours)	P 1.0	0.9	0	0	0							
Wind direction	S	SE	SE	SE	SE	SE	SE	SE	SE	SE	S	S
Wind movement	7	6	6	7	5	6	6	7	8	6	9	9
Maximum velocities (exceeding 25 miles)												

moon visible

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
29	7	17	23

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., T inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Partly Cloudy Moon phase,

Actual sunshine, hours, 6.6

Possible sunshine, hours, 9.4

Percentage of possible sunshine, 70

Prevailing direction SE - W

Total movement, 168

Average hourly velocity, 7.0

Maximum velocity,	Direction,	Time.
19	NW	12:12 am

Relative humidity, 86 a. m. ____ p. m.

Reduced barometer, 30.44 a. m. ____ p. m.

River gage, Frozen

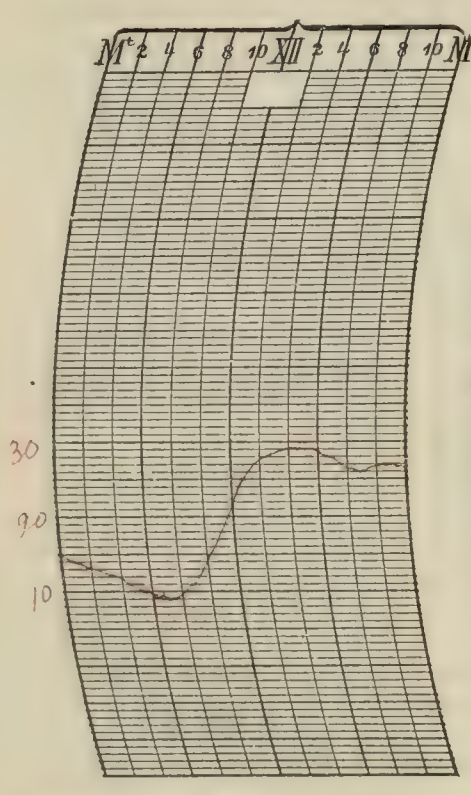
Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

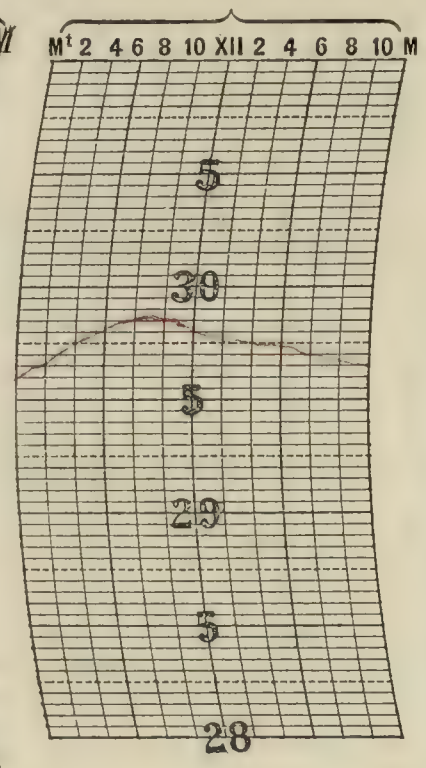
Accumulated depths during excessive rate, for consecutive periods of time indicated below.

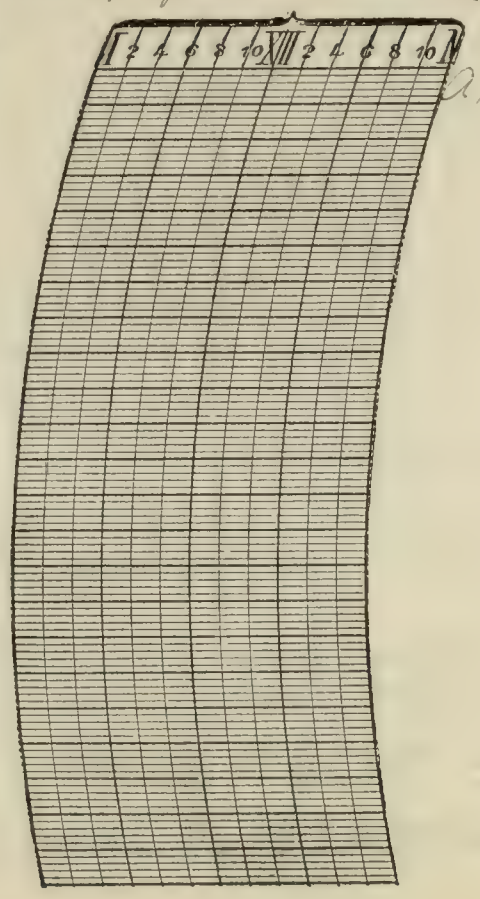
φ Partly Eye Obs. ΠP S.S. with 8th Cloudy.

NOTES.

A moderately severe cold wave arrived night of 8th & 9th







Prepared by
Verified by Omsted

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE ILL, (Day of week) Tues., (Date) JAN 10 1911, 191

Time (local standard), 90 mer.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	26	27	29	29	28	31	34	33	36	39	43	46	47	46	50	51	49	47	46	46	46	46	50	47
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions				Pt. Cldy										Pt. Cldy				moon visible Clear						
Sunrise: Time, Character,	7.21 Clear																				Sunset: Time, Character, 4.47 Clear			
Sunshine (in tenths of hours)								0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0							
Wind direction	SE	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	SW	S	SW	SW	SW	SW	SW	SW
Wind movement	9	9	12	12	13	11	11	14	14	13	16	19	19	16	14	16	15	13	12	12	10	7	9	13
Maximum velocities (exceeding 25 miles)																								

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
51	26	38	23

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground — p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to — a. m., — hrs.; to 7 p. m., 0 hrs.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Pt. Cldy. Moon phase.

Actual sunshine, hours, 9.4

Possible sunshine, hours, 9.4

Percentage of possible sunshine, 100

Prevailing direction, S

Total movement, 307

Average hourly velocity, 12.9

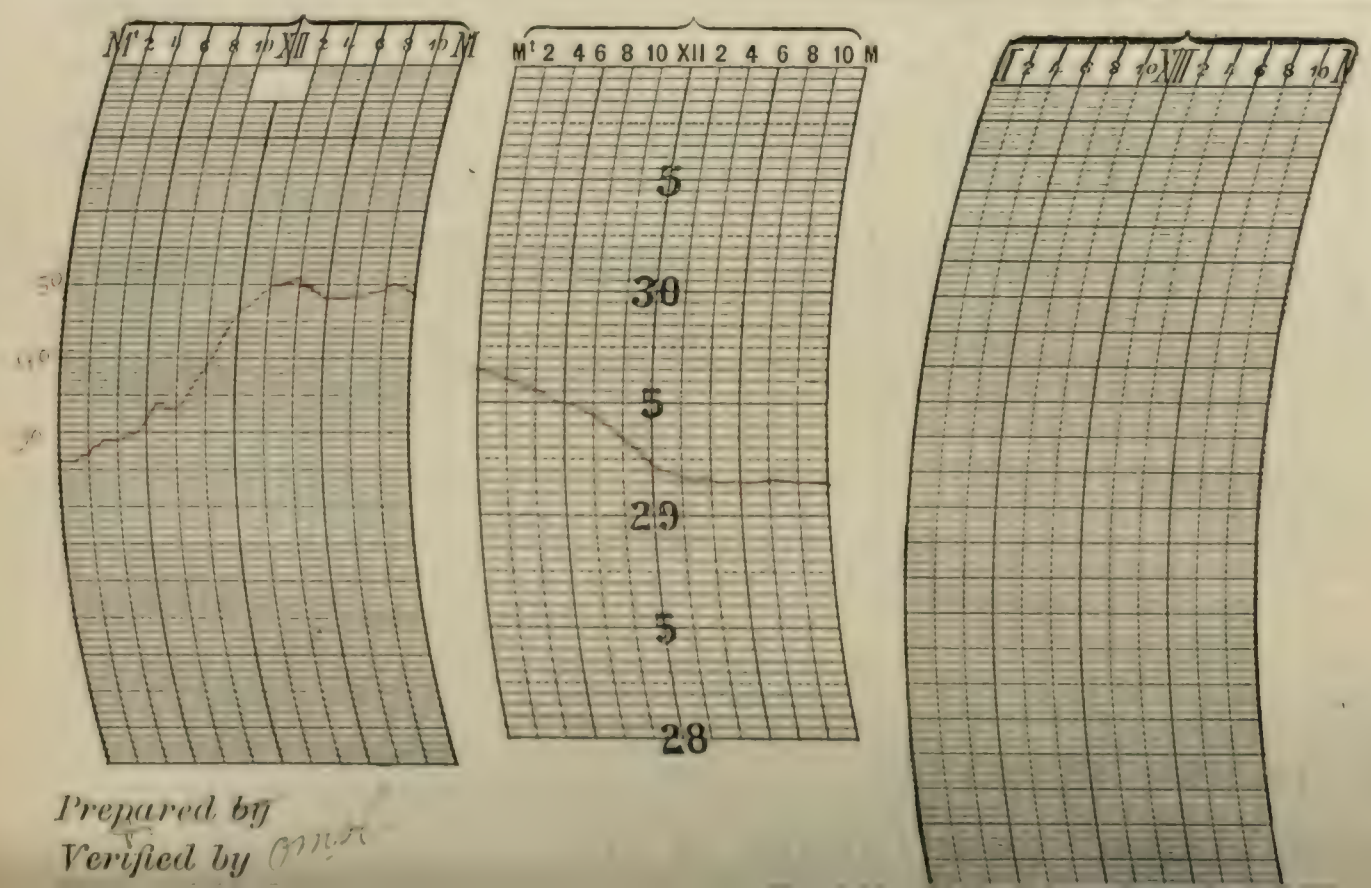
Maximum velocity,	Direction,	Time.
24	S	11:45 a.m.

Relative humidity, 40 a. m. p. m.

Reduced barometer, 30.07 a. m. p. m.

River gage, 5.5 m

NOTES.



Prepared by

Verified by

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Wed., (Date) JAN 11 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	48	48	48	48	49	49	49	48	46	43	39	37
State of weather: Nature of precipitation and time of beginning and ending						RB. 5:36	RE 6:45	RB. 7:42	-	-	-	-
Amounts of precipitation						T	.01	T	T	.01	T	.06
Cloudiness and other conditions	←				Cloudy							→
Sunrise: Time, Character,	7:20 Cloudy											
Sunshine (in tenths of hours)								0	0	0	0	0
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	NW	NE	N	N
Wind movement	9	10	10	7	6	6	3	3	3	4	9	11

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	35	35	35	35	34	34	33	33	32	32	32	32
State of weather: Nature of precipitation and time of beginning and ending	-	-	RE 2:17					RB. 7:33	-	-	RE. Unf.	
Amounts of precipitation	.08	.01	.01					T	T	T	T	
Cloudiness and other conditions	→			Cloudy				moon obscured				'
Sunset: Time, Character,									4:48 Cloudy			
Sunshine (in tenths of hours)	0	0	0	0	0							
Wind direction	+NE	+NE	+NE	+NE	+NE	NE	NE	+NE	+NE	+NE	+NE	+NE
Wind movement	11	11	9	7	9	8	8	10	8	8	7	7

Maximum 25 velocities (exceeding miles)

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

+ = Partly interpolated.

	Maximum.	Minimum.	Mean.	Normal.
	49	32	40	22

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .01 ins.; to 7 p. m., .17 ins.

Total precipitation, midnight to midnight, .18 inches.

Character of day, Cloudy 10 Moon phase,

Actual sunshine, hours, 0

Possible sunshine, hours, 9.5

Percentage of possible sunshine, 0

Prevailing direction NE

Total movement, * 184

Average hourly velocity, 7.7

Maximum velocity,	Direction,	Time.
ϕ 16	NE	1:22 p.

Relative humidity, 90 a. m. p. m.

Reduced barometer, 29.81 a. m. p. m.

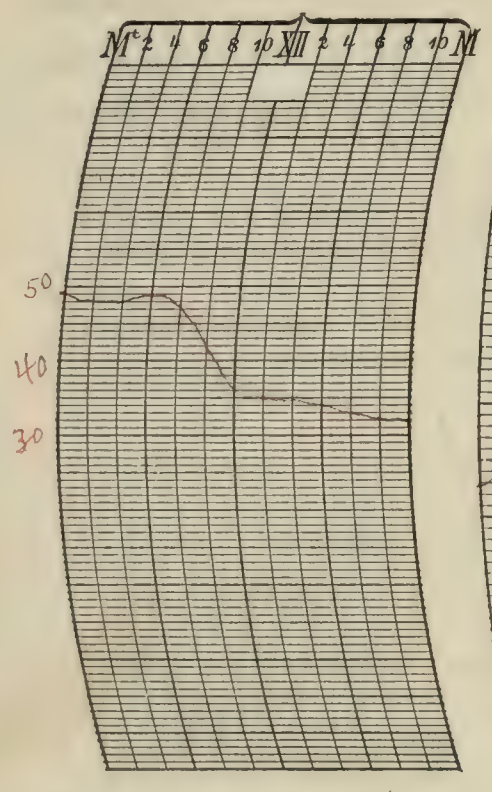
River gage, Frozen

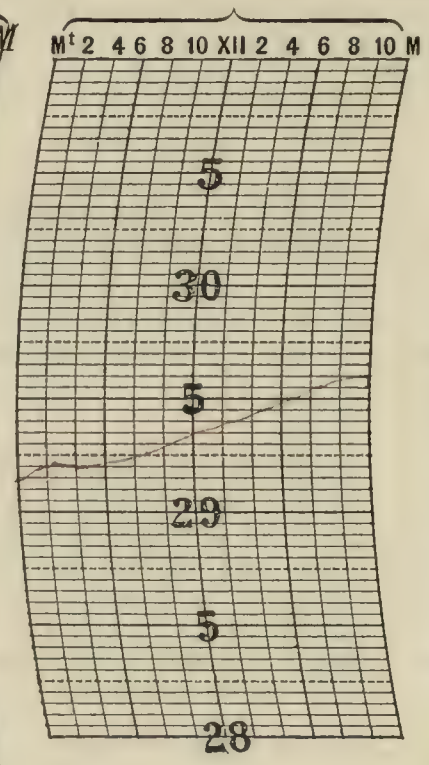
ϕ For 19 hrs. only.
* Estimated

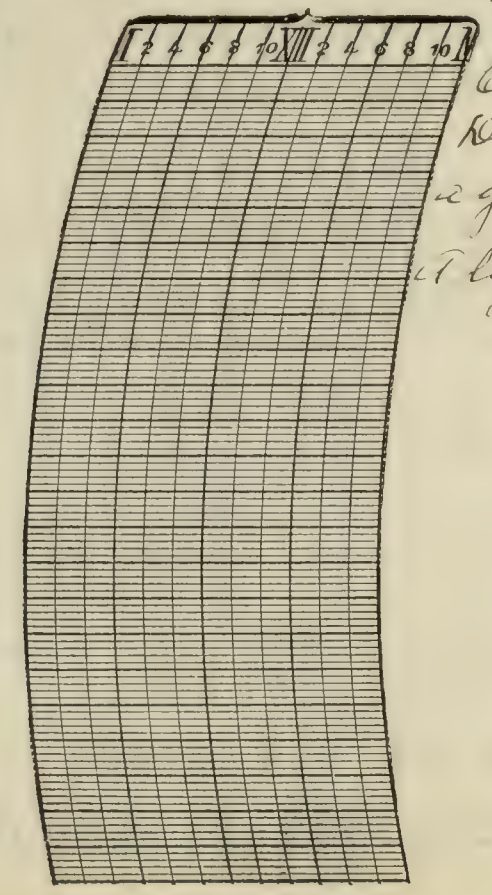
NOTES.

Cold wave warning received from Washington D.C. 6:30 am., signal hoisted 6:35 am., and lowered again upon receipt of daily forecast at 7:50 am.

Light fog began 7:50 am; & ended 9:30 am.







Prepared by
Verified by O.M.H.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Thurs., (Date) JAN 17 191

Time (local standard), 90th mer.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	32	31	30	30	30	30	32	32	32	33	33	34	35	36	37	37	36	36	36	35	34	34	34	34
State of weather: Nature of precipitation and time of beginning and ending																R.B. 3:06	—	—	—	—	—	RE about 10.00		
Amounts of precipitation																T	.01	T	T	T	T	.01		
Cloudiness and other conditions	2				Cloudy							2	—			—	Cloudy							—
	Sunrise: Time, 7.20 Character, Cloudy																				Sunset: Time, 4.49 Character, Cloudy			
Sunshine (in tenths of hours)								0	0	0	0	0	0	0	0	0	0							
Wind direction	N	N	N	N	N	N	NE	NE	NE	NE	E	E	E	E	E	E	NE	NE	NE	N	NW	NW	W	W
Wind movement	+6	6	7	4	5	4	7	9	8	+8	+7	+6	6	5	6	+5	3	2	+4	+3	+4	+5	+5	+5
Maximum velocities (exceeding 25 miles)																								

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
37	30	34	22

Total depth of snow for 24 hours ending 7 p. m., — inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., T ins.; to 7 p. m., .01 ins.

Total precipitation, midnight to midnight, .02 inches.

Character of day, Cloudy Moon phase

Actual sunshine, hours, 0

Possible sunshine, hours, 9.3

Percentage of possible sunshine, 0

Prevailing direction N-NE

Total movement, 136

Average hourly velocity, 5.7

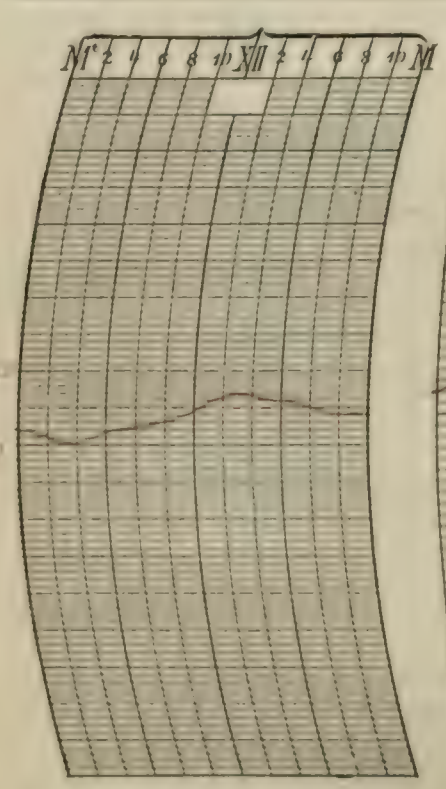
Maximum velocity,	Direction,	Time.
10	NE	7:15 a

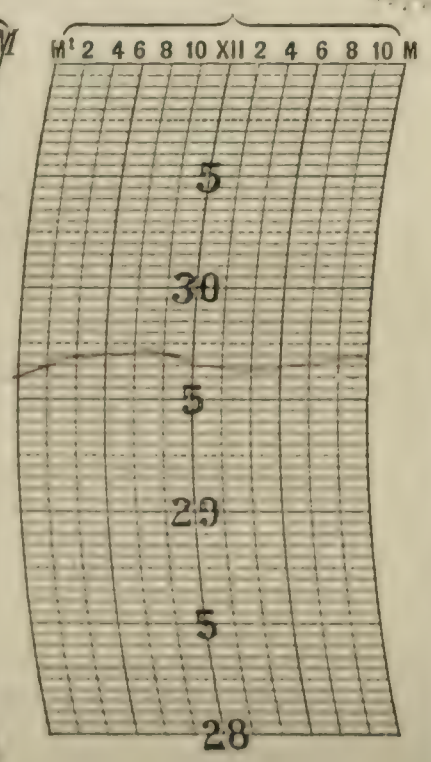
Relative humidity, 92 a. m. p. m.

Reduced barometer, 30.25 a. m. p. m.

River gage, 9.2 ice

NOTES. Partly cloudy. Sun visible for 1½ hrs. A light fog began 8 p.m.; increased to 10 p.m.





Prepared by

Verified by

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., *(Day of week)* Thu., *(Date)* JAN. 3 1911, 191

Time (local standard), 90 mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	33	33	33	33	32	32	33	33	33	33	34 R.B.	34	34	34	35	35	35	35	34	34	34	34	34	33
State of weather: Nature of precipitation and time of beginning and ending											10:42	—	—	—	—	—	—	—	—	—	—	—	—	—
Amounts of precipitation											T	.01	.09	.05	.11	.08	.16	.11	.08	.04	T	.01	T	.07
Cloudiness and other conditions	←				Cloudy								→			Cloudy			moon obscured,					→
Sunrise: Time, Character,	7:20 Cloudy																				Sunset: Time, Character, 4:50 Cloudy			
Sunshine (in tenths of hours)							-	0	0	0	0	0	0	0	0	0	0							
Wind direction	W	W	W	NW	NW	N	NE	NE	NE	NE	SE	NE	E	E	E	E	E	E	E	SW	SW	W	W	W
Wind movement	5	5	4	4	3	3	2	3	2	2	3	4	6	5	6	4	3	2	4	4	5	5	4	5
Maximum velocities (exceeding 22 miles)																								

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
35	32	34	22

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .01 ins.; to 7 p. m., .67 ins.

Total precipitation, midnight to midnight, .81 inches.

Character of day, Cloudy 10 Moon phase,

Actual sunshine, hours, 0

Possible sunshine, hours, 9.5

Percentage of possible sunshine, 0

Prevailing direction, E

Total movement, 91

Average hourly velocity, 3.8

Maximum velocity,	Direction,	Time.
10	E	2:57 p.

Relative humidity, 90 a. m. p. m.

Reduced barometer, 30.32 a. m. p. m.

River gage, frozen.

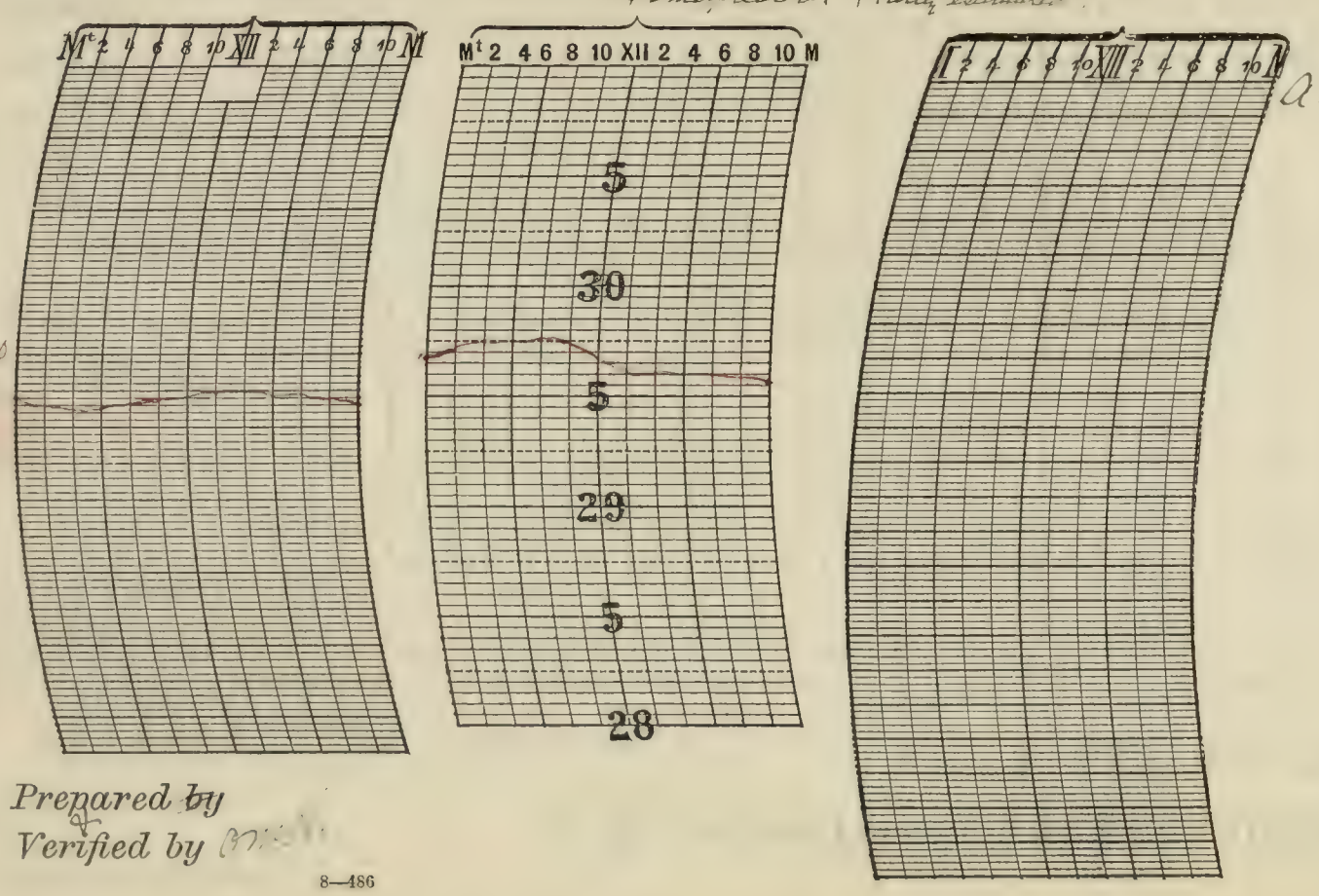
Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

* Interpolated. † Partly estimated.

NOTES. X Estimated 4. For 16 h.

A light fog began 1:40 p.; and ended 3:3



Prepared by
Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Sat., (Date) JAN 11 1913, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	33	33	32	32	31	31	30	29	28	27	25	23
State of weather: Nature of precipitation and time of beginning and ending	—	—	RE Hua					R.18. 7:45	RE 8:40			
Amounts of precipitation	.06	.04	.01					T	T			
Cloudiness and other conditions	Cloudy											
Sunrise: Time, Character	7.19 Cloudy											
Sunshine (in tenths of hours)								0	0	0	0	0
Wind direction	W	W	W	W	W	NW	W	NW	W	W	W	NW
Wind movement	6	6	5	7	9	7	9	6+	8+	8	12	12

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	23	24	23	22	21	21	20	20	19	17	16	15
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Cloudy											
Sunset: Time, Character									4.51 Cloudy			
Sunshine (in tenths of hours)	0.1	0.5	0.8	0	0							
Wind direction	W	W	W	W	W	W	W	NW	NW	NW	NW	NW
Wind movement	7	10	10	11	11	9	8	9	9	8	8	7

Excessive precipitation, accumulated amounts

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

+ Partly interpolated. ϕ Interpolated.

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal
33	15		

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 4 inches.

Total snowfall, midnight to midnight, 2 inches.

Precipitation to 7 a. m. .75 ins.; to 7 p. m., .71 ins.

Total precipitation, midnight to midnight, .11 inches.

Character of day, Cloudy 10 Moon phase, O Full

Actual sunshine, hours, 1.1

Possible sunshine, hours, 9.5

Percentage of possible sunshine, 15

Prevailing direction W

Total movement, 216

Average hourly velocity, 9.0

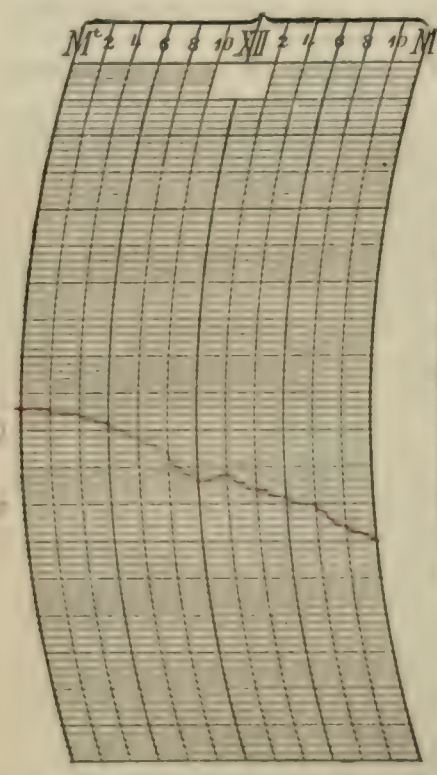
Maximum velocity,	Direction,	Time
# 11	W	2.35 P

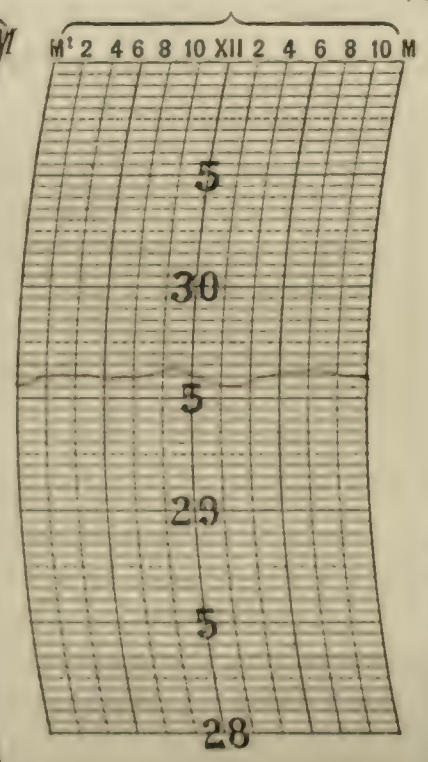
Relative humidity, 88 a. m. ____ p. m.

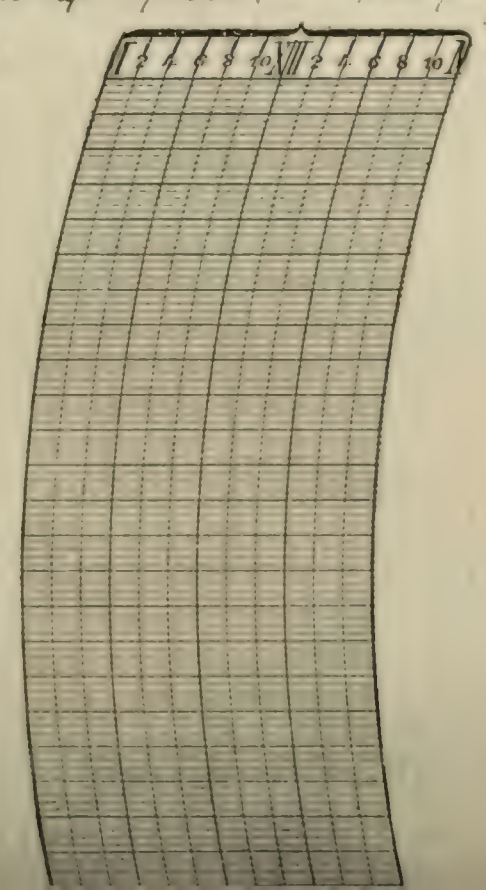
Reduced barometer, 30.15 a. m. ____ p. m.

River gage, 17.0 rising

NOTES: # For 2 3 hrs







Prepared by

Verified by

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

LA SALLE, ILL.

DAILY LOCAL RECORD.

(Station) _____, (Day of week) Sund, (Date) JAN 15 1911, 191

Time (local standard), 90 mer.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	14	13	12	12	11	10	9	8	8	9	10	13	15	17	17	18	18	17	17	17	16	15	14	13
									S.1B	S.4E														
State of weather. Nature of precipitation and time of beginning and ending									8:15	9.09														
Amounts of precipitation									T	T														
Cloudiness and other conditions	←				Cloudy							→	←	Pt. Cldy			→	←	moon faintly visible, Cloudy					→
	Sunrise: Time, 7.19 Character, Cloudy																				Sunset: Time, 4.52 Character, Clear			
Sunshine (in tenths of hours)								0	0	0	0.3	1.0	1.0	1.0	1.0	1.0	.77 0.1							
Wind direction	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	W	NW	NW	NW	NW	NW
Wind movement	11	10	10	7	11	10	10	10	11	8	9	8	9	12	11	9	9	8	8	9	9	5	6	5
Maximum velocities (exceeding 25 miles)																								

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
18	8	13	22

Total depth of snow for 24 hours ending 7 p. m., T inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, T inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Pt. Cldy 7. Moon phase, _____

Actual sunshine, hours, 6.2

Possible sunshine, hours, 9.6

Percentage of possible sunshine, 65

Prevailing direction NW

Total movement, 215

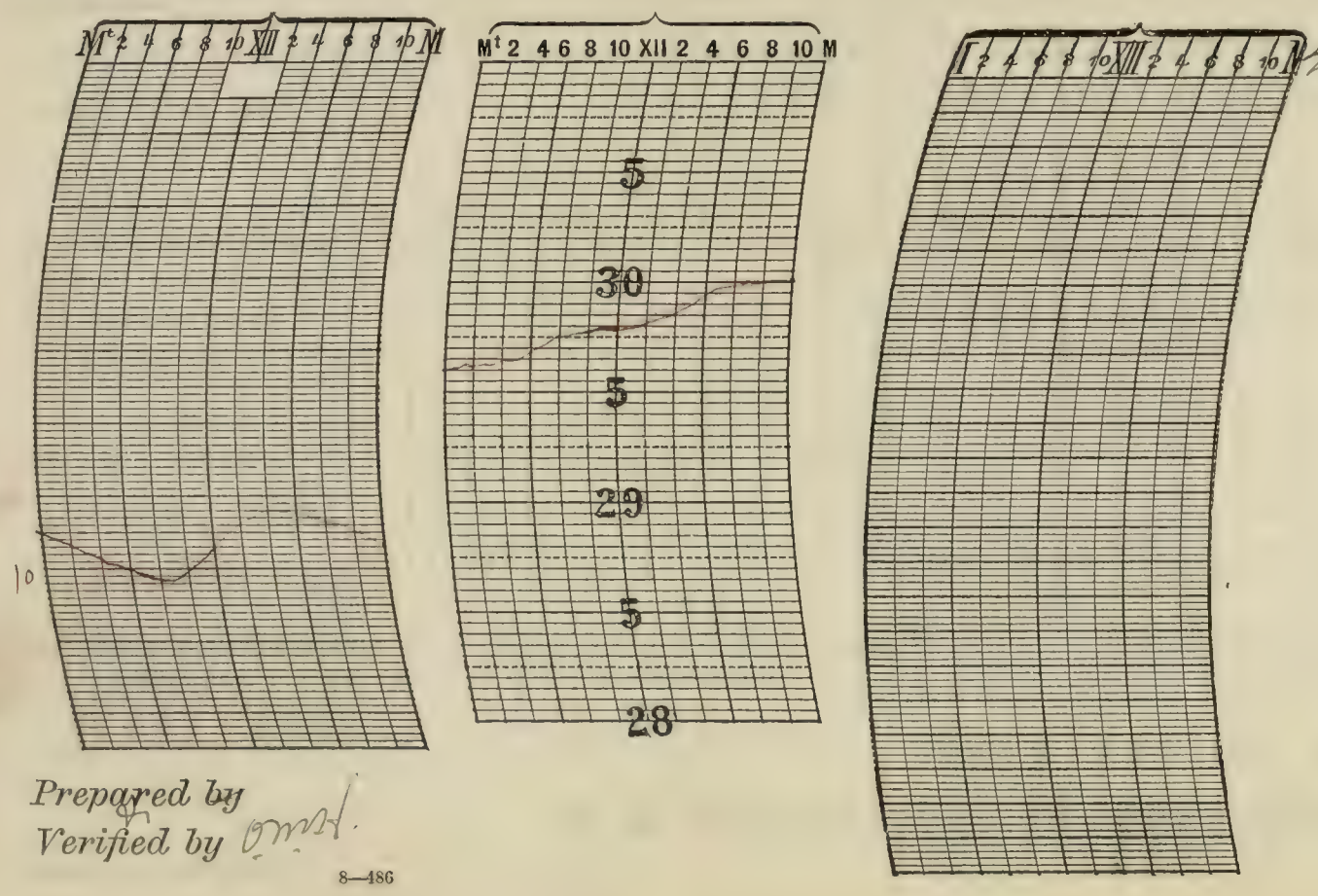
Average hourly velocity, 9.0

Maximum velocity,	Direction,	Time.
15	NW	4:45 am

Relative humidity, 86 a. m. _____ p. m.

Reduced barometer, 30.29 a. m. _____ p. m.

River gage, 18.6 rise



NOTES.

Maximum river stage 18.9 about 12 noon 15th

Prepared by

Verified by [illegible]

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE ILL., (Day of week) Mond., (Date) JAN. 2 1911, 191

Time (local standard) 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	13	12	11	10	10	10	10	10	10	11	12	14	15	16	17	18	18	19	19	19	18	17	17	17
State of weather: Nature of precipitation and time of beginning and end																				S.P. 7:43	—	—	—	—
Amounts of precipitation																				←		.14		→
Cloudiness and other conditions	←	dim moonlight			Cloudy							→	←				Cloudy							→
Sunrise: Time, Character	7:19 Cloudy																							
Sunset: Time, Character																					4:54 Cloudy			
Sunshine (in tenths of hours)								0	0	0	0	0	0	0	0	0	0							
Wind direction	N	N	NE	NE	N	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE
Wind movement	6	6	6	6	5	6	5	7	7	5	6	5	5	6	6	8	7	5	5	6	7	10	10	11
Maximum velocities (exceeding 25 miles)																								

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
19	10	14	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, .12 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, .11 inches.

Character of day, Cloudy. Moon phase, 1

Actual sunshine, hours, 0

Possible sunshine, hours, 9.0

Percentage of possible sunshine, 0

Prevailing direction, N.E.

Total movement, 156

Average hourly velocity,

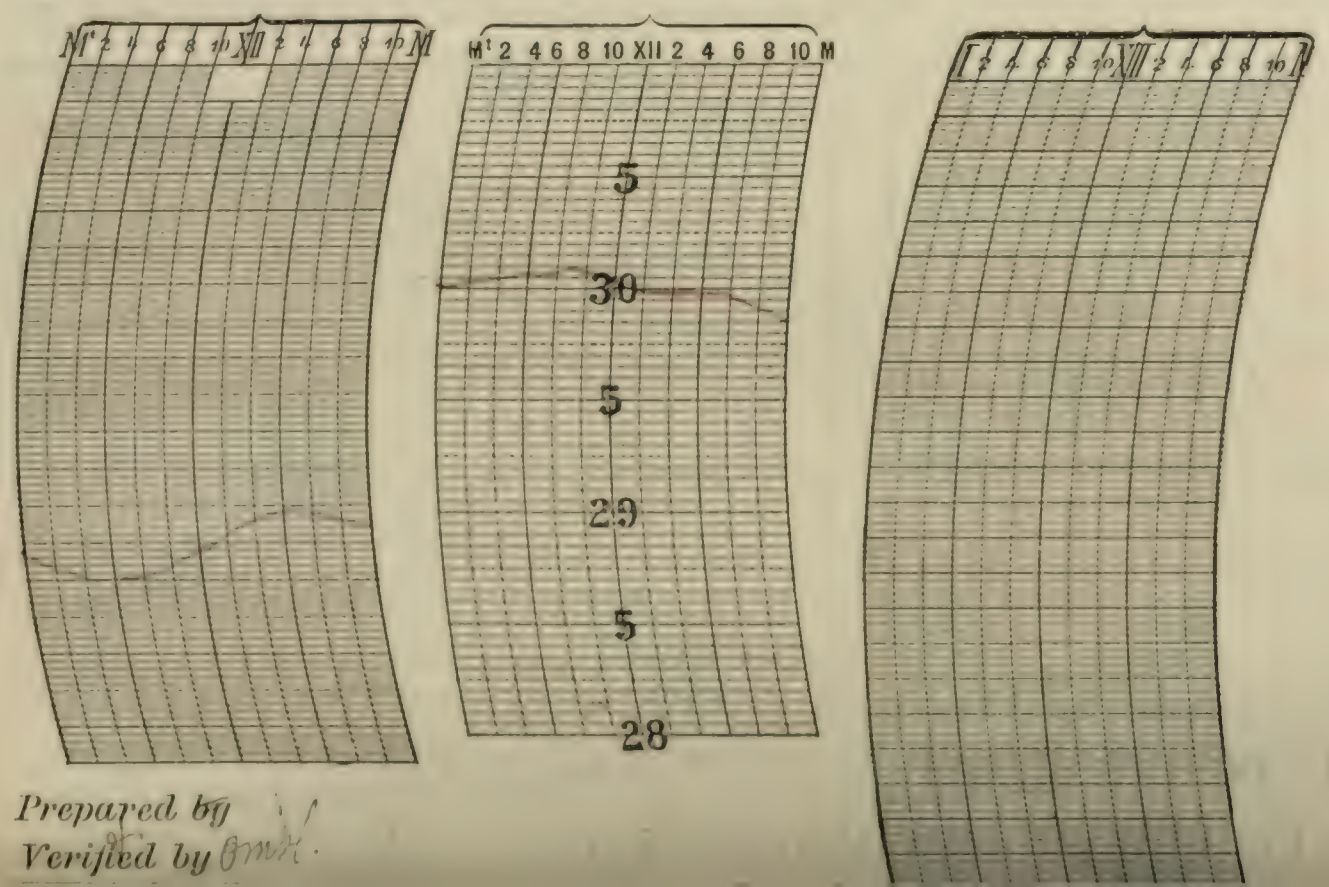
Maximum velocity,	Direction,	Time
13	NE	

Relative humidity, 66 a. m. p. m.

Reduced barometer, 30.66 a. m. p. m.

River gage, 5.1 — Falling

NOTES. x Obscured



Prepared by

Verified by

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Tues., (Date) JAN 17, 191

Time (local standard), 90 mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	17	17	18	18	19	20	20	21	22	22	23	23	23	24	24	24	22	21	18	16	12	11	9	7
State of weather: Nature of precipitation and time of beginning and ending	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	8:05								
Amounts of precipitation			.10							.25														
Cloudiness and other conditions				Cloudy									Cldy	P.C.					Clear					
Sunrise: Time, 7:18 Character, Cloudy																					Sunset: Time, 4.55 Character, Cloudy			
Sunshine (in tenths of hours)													0	0.7*	1.0	0.3	0							
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	E	NE	NE	NE	NE	NE	E	N	N	NE	NE
Wind movement	10	9	7	7	8	7	10	7	7	7	6	8	8	7	8	8	5	5	5	4	1	3	2	1
Maximum velocities (exceeding 25 miles)																								

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

_____ hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
24	7	16	21

Total depth of snow for 24 hours ending 7 p. m., 4.8 inches.

Snow on ground 7 p. m., 4.0 inches.

Total snowfall, midnight to midnight, *3.6 inches.

Precipitation to 7 a. m., .24 ins.; to 7 p. m., .25 ins.

Total precipitation, midnight to midnight, *.35 inches.

Character of day, Pt. Cldy. Moon phase, _____

Actual sunshine, hours, 2.0

Possible sunshine, hours, 9.6

Percentage of possible sunshine, 21

Prevailing direction NE

Total movement, 153

Average hourly velocity, 6.4

Maximum velocity,	Direction,	Time.
12	NE	2:55 p.

Relative humidity, 94 a. m. _____ p. m.

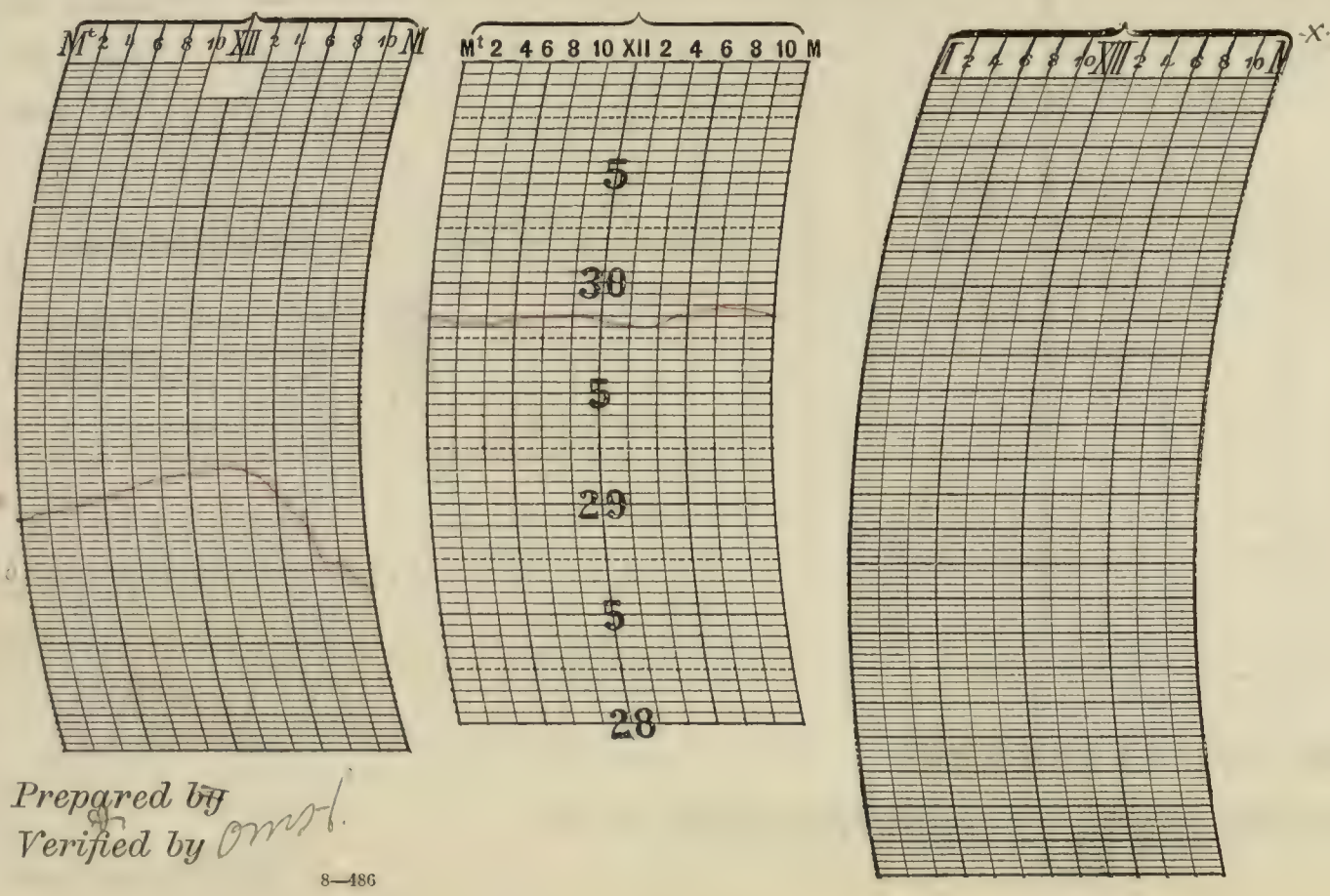
Reduced barometer, 30.40 a. m. _____ p. m.

River gage, 2.05 ft.

*Estimated

NOTES.

*Sun shone through thin clouds



Prepared by _____

Verified by Omst.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Wed., (Date) JAN 18 1911, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	6	5	3	1	1	2	3	3	4	6	10	13	17	18	19	19	18	19	21	22	23	24	25	26
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions		?		moon obscured. Foggy							Clear				Cloudy									
Sunrise: Time, Character	7:18 Foggy																				Sunset: Time, Character 4:56 Cloudy			
Sunshine (in tenths of hours)								0	0.5	0.9	1.0	1.0	1.0	0.6	0.4	0.1	0							
Wind direction	NW	NW	0	NW	NW	NW	NW	NW	W	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	1	1	0	1	1	1	1	1	3	3	3	3	8	12	10	10	10	10	10	11	9	3	3	3
Maximum velocities (exceeding 25 miles)																								

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

	Maximum.	Minimum.	Mean.	Normal.
	26	1	14	21

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 38 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear. Moon phase.

Actual sunshine, hours, 3.6

Possible sunshine, hours, 9.6

Percentage of possible sunshine, 37

Prevailing direction, SW

Total movement, 155

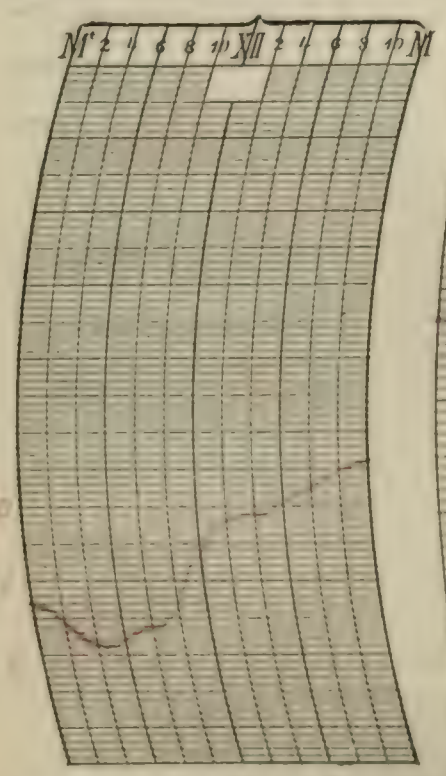
Average hourly velocity, 6.5

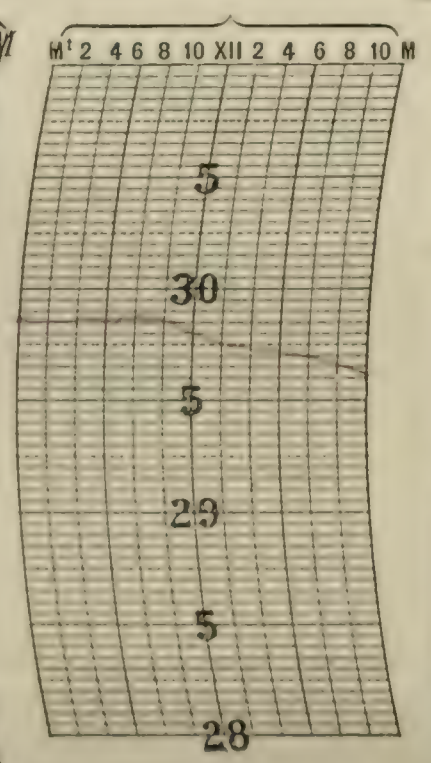
Maximum velocity,	Direction,	Time
16	SW	1:00 p.

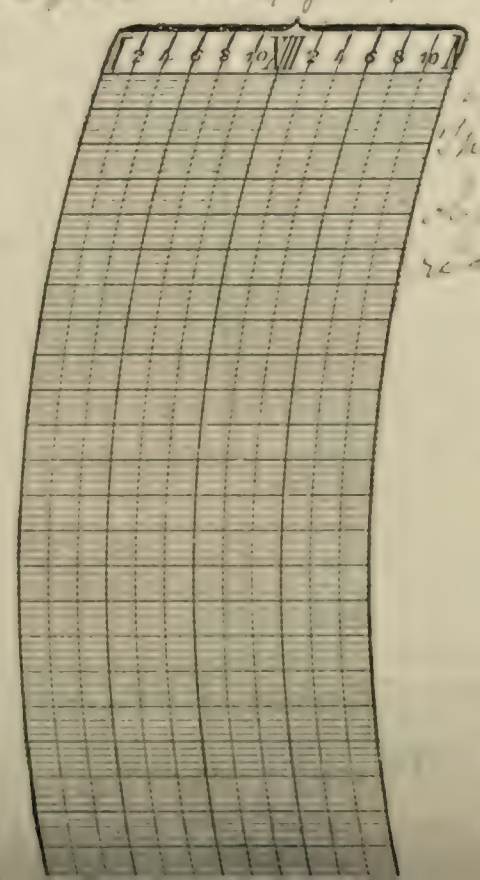
Relative humidity, 100 a. m. p. m.

Reduced barometer, 30.47 a. m. p. m.

River gage, 9.15 ice







NOTES.

A dense fog began at the fog ended. The fog made a very heavy deposit of ice on poles, wires, and prevented sunshine record till removed from recorder at 9 a. m.

Prepared by

Verified by

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Thurs., (Date) JAN 19 1911, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	26	27	27	27	27	27	27	27	28	28	29	29	30	30	30	31	31	31	31	31	31	31	32	33
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					Cloudy												Cloudy							
Sunrise: Time, 7:17 Character, Cloudy																					Sunset: Time, 4:57 Character, Cloudy			
Sunshine (in tenths of hours)								0	0	0	0	0	0	0	0	0	0							
Wind direction	SW	SW	SW	W	W	W	W	W	W	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	14	14	16	15	12	12	13	9	8	10	10	10	7	8	7	8	7	7	5	5	10	3	4	9
Maximum velocities (exceeding 22 miles)																								

Maximum.	Minimum.	Mean.	Normal.
33	26	30	21

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 3.2 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Cloudy 10 Moon phase, ~

Actual sunshine, hours, 0

Possible sunshine, hours, 9.7

Percentage of possible sunshine, 0

Prevailing direction SW

Total movement, 223

Average hourly velocity, 9.3

Maximum velocity,	Direction,	Time.
19	W	3:15 a.

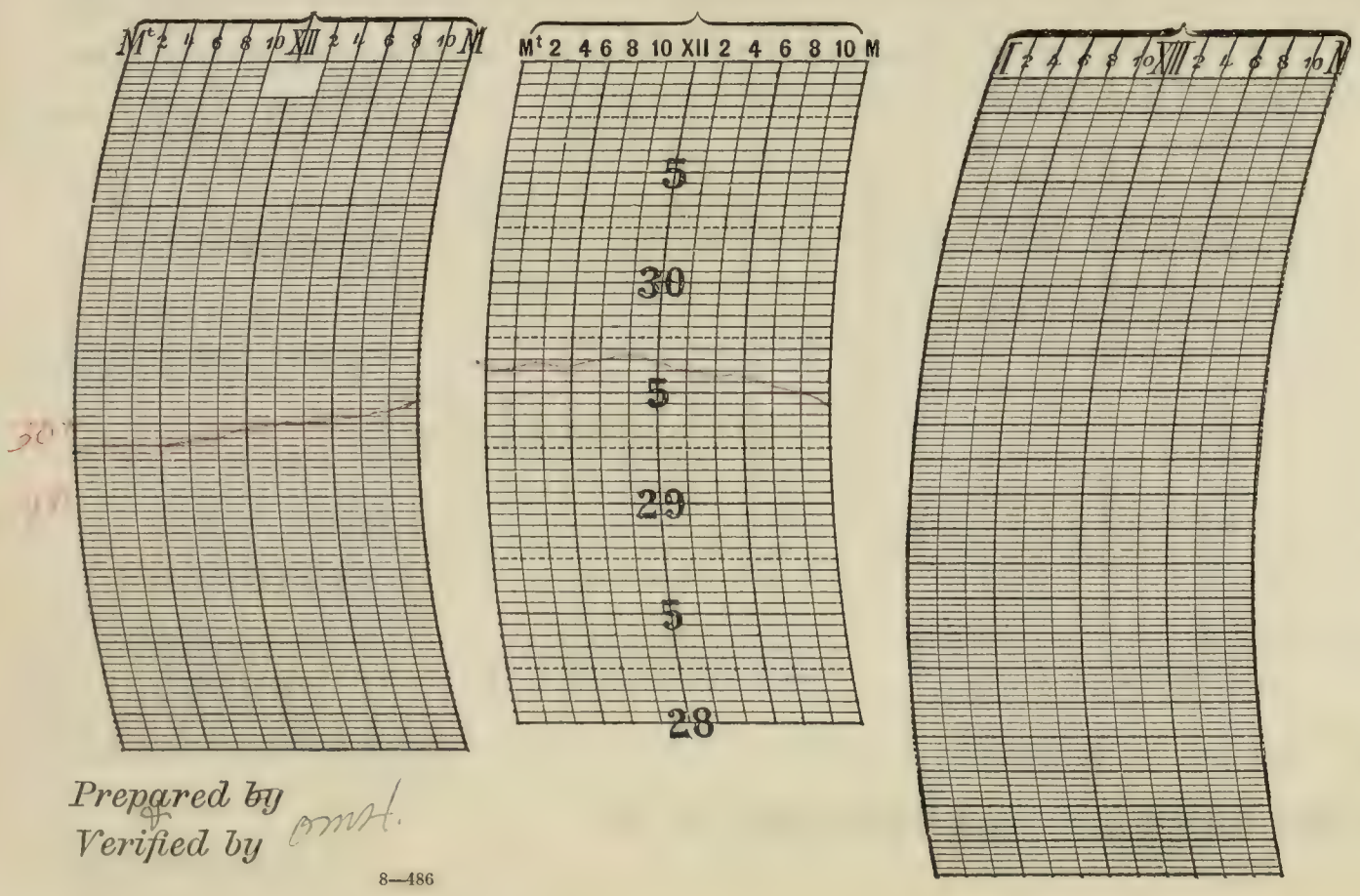
Relative humidity, 81 a. m. ____ p. m.

Reduced barometer, 30.22 a. m. ____ p. m.

River gage, ____

	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

NOTES.



Prepared by [illegible]

Verified by [illegible]

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Fri., (Date) JAN 20 1911, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	31	34	35	32	32	32	34	35	36	37	37	37
State of weather: Nature of precipitation and time of beginning and ending	RB 10 Na	—	—	—	—	—	—	—	RL 8.15		RB 10.40	—
Amounts of precipitation	T	T	T	T	T	T	T	T	T		T	T
Cloudiness and other conditions	2	moon obscured,		Cloudy								7-4
Sunrise: Time, Character,	7.16 Cloudy											
Sunshine (in tenths of hours)								0	0	0	0	0
Wind direction	SW	SW	SW	S	S	S	SW	SW	SW	SW	SW	SW
Wind movement	8	11	10	10	10	10	8	10	11	14	16	14
Maximum velocities (exceeding 25 miles)												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	38	38	38	39	39	40	40	40	39	35	34	32
State of weather: Nature of precipitation and time of beginning and ending	—	—	—	—	—	—	RF 6.35					
Amounts of precipitation	T	T	T	T	T	T	.01					
Cloudiness and other conditions					10		dy					
Sunset: Time, Character,									4.58 Cloudy			
Sunshine (in tenths of hours)	0	0	0	0	0							
Wind direction	SW	SW	SW	SW	SW	SW	SW	W	W	W	W	W
Wind movement	14	16	15	16	11	12	14	14	12	10	9	10
Maximum velocities (exceeding 25 miles)												

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
41	23	34	31

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0.4 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., T ins.; to 7 p. m., .01 ins.

Total precipitation, midnight to midnight, .01 inches.

Character of day, Cloudy 10 Mean; hours.

Actual sunshine, hours, 0

Possible sunshine, hours, 11.7

Percentage of possible sunshine, 0

Prevailing direction SW

Total movement, 245

Average hourly velocity, 10.2

Maximum velocity,	Direction.	Time
19	SW	2 p. m.

Relative humidity, 77 a. m. p. m.

Reduced barometer, 29.88 a. m. p. m.

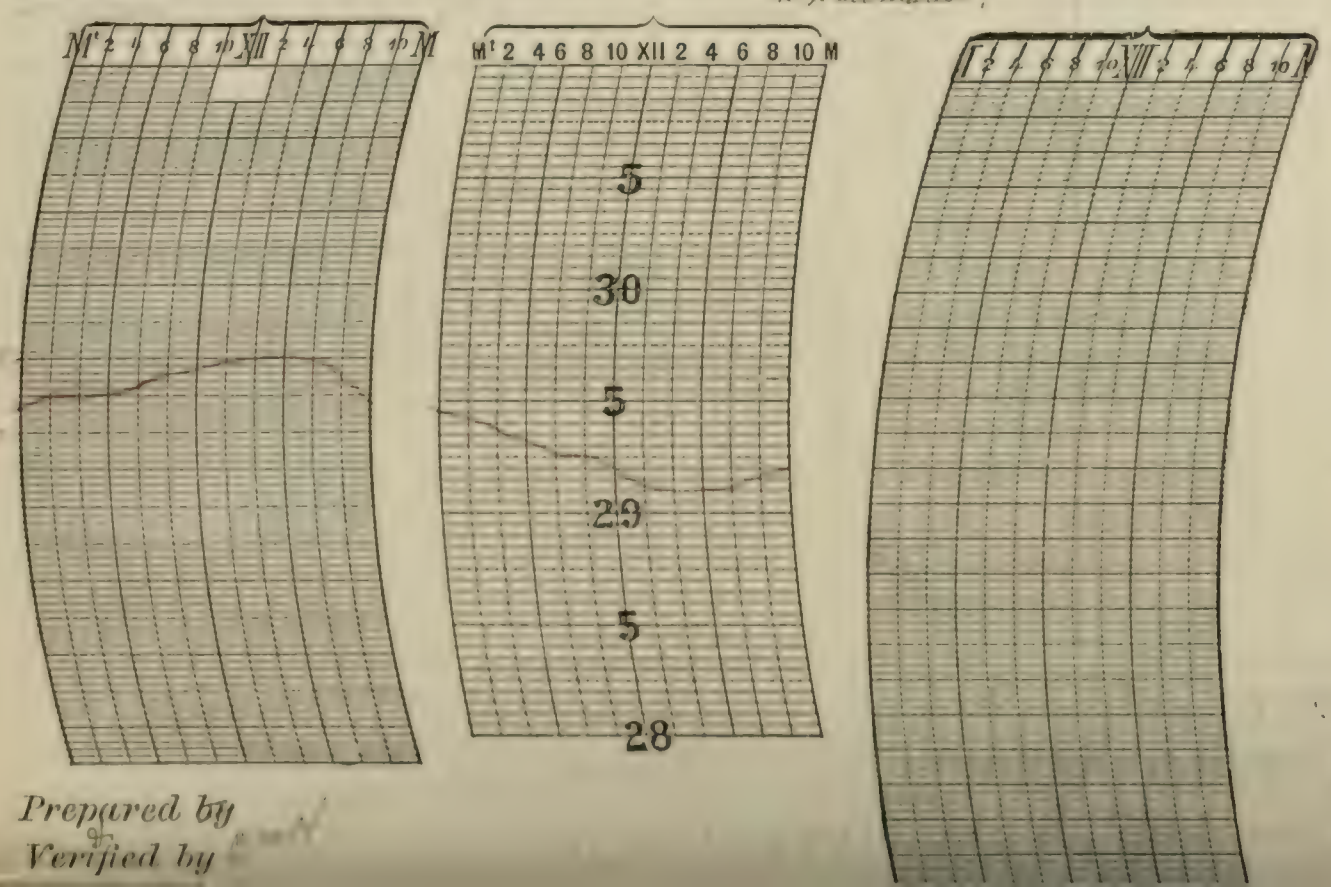
River gage.

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

x Estimated

NOTES.



Prepared by

Verified by

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Sat., (Date) JAN 21, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	33	31	29	27	26	24	24	23	22	21	21	20	20	20	20	21	21	20	20	20	19	18	18	17
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions	moon obscured				Cloudy								Cloudy		PC				Clear					
Sunrise: Time, Character	7:16 Cloudy																				Sunset: Time, Character 4:59 Cloudy			
Sunshine (in tenths of hours)								0	0	0	0	0	0	0	$0.3	0.6	0							
Wind direction	W	W	NW	NW	NW	NW	NW	NW	NW	N	NW	N	NW	NW	NW	N	N	N	N	N	N	N	N	N
Wind movement	14	16	13	13	12	9	7	10	8	8	10	10	11	10	11	9	8	6	5	5	5	3	4	5
Maximum velocities (exceeding 25 miles)																								

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

$ Partly - Eye obs.

/ hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
34	17	26	21

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., T inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Cloudy 8. Moon phase, ✓

Actual sunshine, hours, 0.9

Possible sunshine, hours, 9.7

Percentage of possible sunshine, 9

Prevailing direction N-NW.

Total movement, ~~206~~ 212

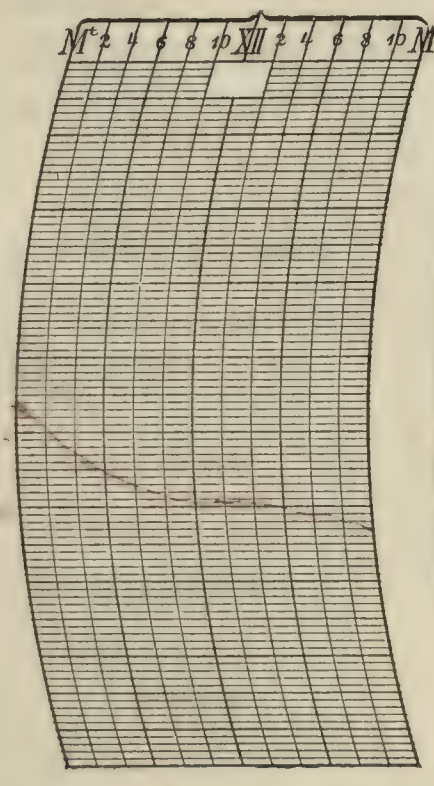
Average hourly velocity, 8.5

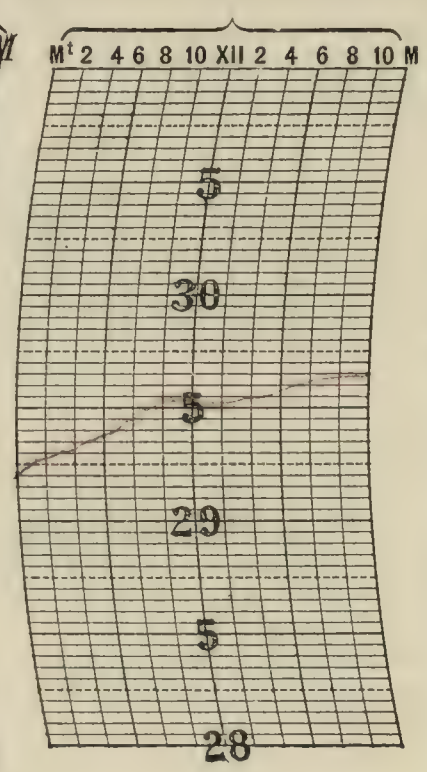
Maximum velocity,	Direction,	Time.
20	W	1:20 p.

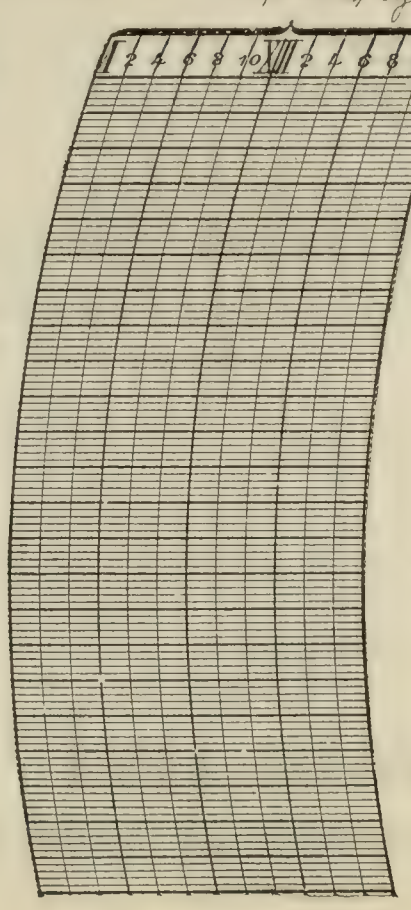
Relative humidity, 81 a. m. ____ p. m.

Reduced barometer, 29.95 a. m. ____ p. m.

River gage, frozen







NOTES.

Cold wave warning received from Central Office 6:45 am; signal hoisted 6:50 am, and lowered again upon receipt of daily forecast at 8:48 am.

Prepared by
Verified by OM

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Sunday, (Date) JAN 22 1911, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	16	13	14	13	12	12	11	11	12	14	17	18	20	22	23	24	24	23	22	22	22	21	23	22
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions		?	=	=	Cloudy							→		Cloudy	→ P.C.	→					Clear			→
Sunrise: Time, Character,	7:15 Cloudy																				Sunset: Time, Character,	5:01 Cloudy		
Sunshine (in tenths of hours)								0	0	0	0.4	0.6	0.8	0.1	0	0	0	0						
Wind direction	N	N	NE	NE	NE	NE	NE	N	E	E	E	NW	SW	W	W	W	W	W	W	W	W	W	W	W
Wind movement	4	3	3	3	4	3	4	4	3	3	2	2	6	7	5	6	6	4	3	3	3	6	5	9
Maximum velocities (exceeding 25 miles)																								

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

	Maximum.	Minimum.	Mean.	Normal.
	24	11	18	31

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., T inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, ... inches.

Character of day, P. Cldy. 7 Moon phase, ☾ 12:21 p.

Actual sunshine, hours, 1.4

Possible sunshine, hours, 9.5

Percentage of possible sunshine, 19

Prevailing direction, W

Total movement, 108

Average hourly velocity, 4.5

Maximum velocity,	Direction,	Time.
9	SW	11:45 p.

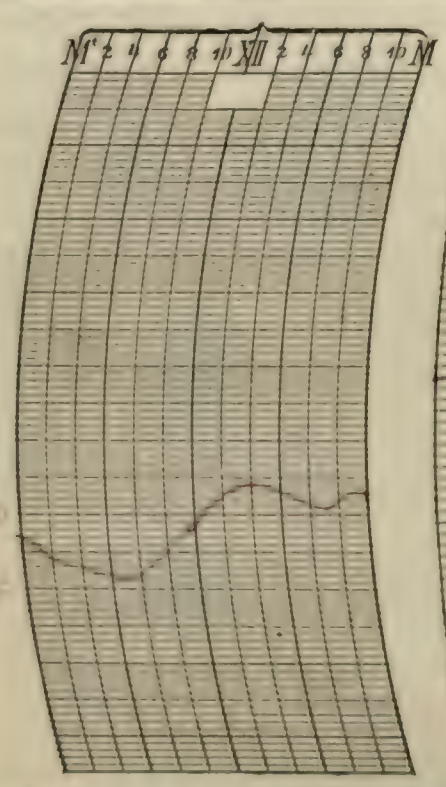
Relative humidity, 75 a. m. ..... p. m.

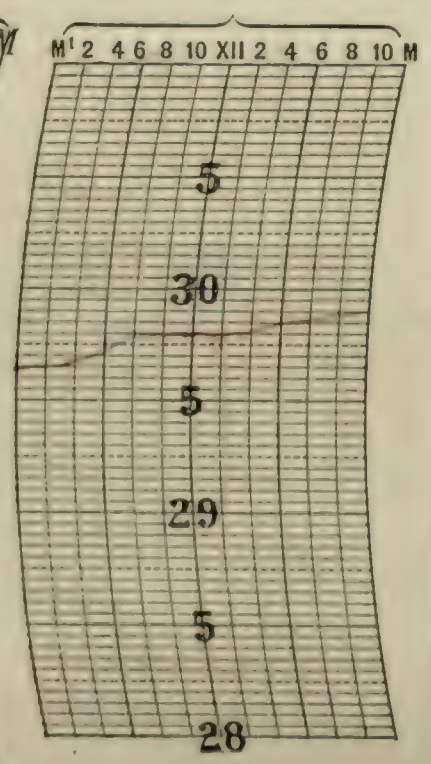
Reduced barometer, 30.36 a. m. ..... p. m.

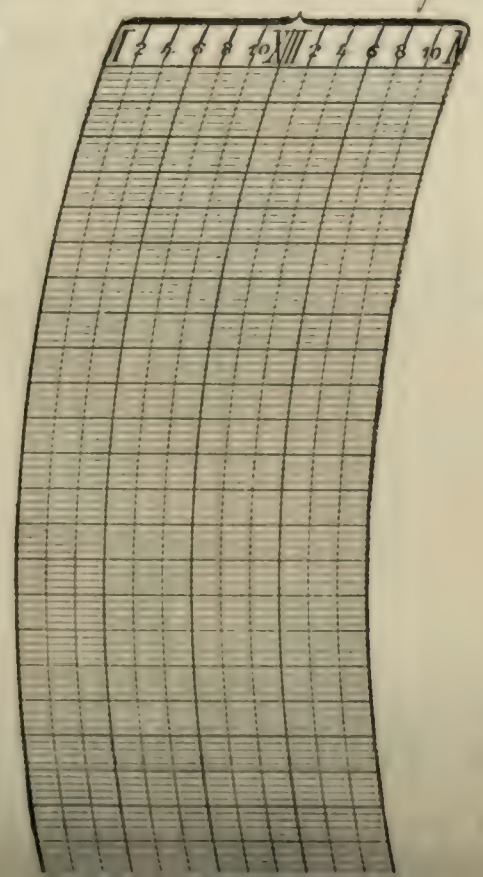
River gage, 12.5 ft.

Hours slower than 75th meridian time.

Sun shine through thin clouds







NOTES.

Prepared by

Verified by

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Mond, (Date) JAN 23 1911, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	21	20	20	19	19	18	19	19	22	26	32	36
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions		moon visible			Clear							
Sunrise: Time, Character,	7:14 Clear											
Sunshine (in tenths of hours)								.7 0	1.0	1.0	1.0	1.0
Wind direction	W	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	6	4	5	6	7	7	8	9	8	7	5	9

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	38	38	39	38	35	33	32	31	30	30	29	29
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					Clear							
Sunset: Time, Character,									5:03 Clear			
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	.6 .4	.3 0						
Wind direction	SW	SW	SW	SW	SW	SW	S	S	S	SW #	SW #	SW #
Wind movement	13	12	13	13	9	6	6	9	8	9	10	12

Maximum velocities (exceeding 25 miles)

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
39	18	28	31

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., T inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear. Moon phase,

Actual sunshine, hours, 9.8

Possible sunshine, hours, 9.8

Percentage of possible sunshine, 100

Prevailing direction, SW

Total movement, 200

Average hourly velocity, 8.3

Maximum velocity,	Direction,	Time.
17	SW	2:40 p.

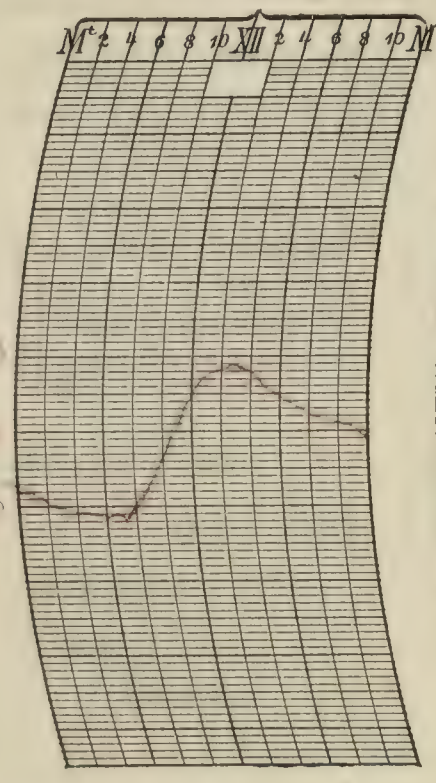
Relative humidity, 88 a. m. p. m.

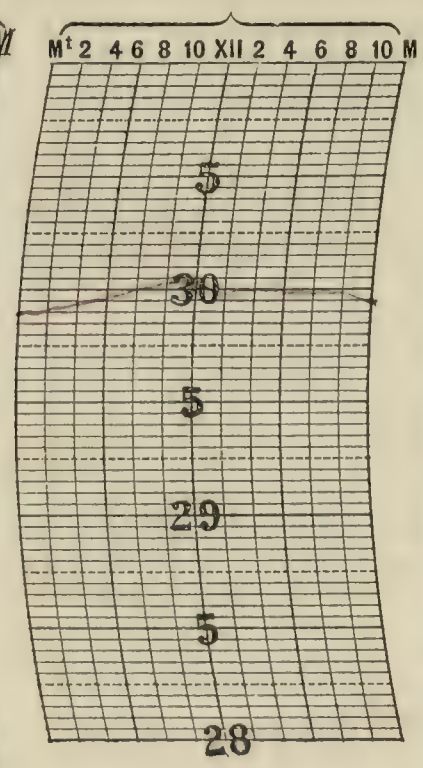
Reduced barometer, 30.58 a. m. p. m.

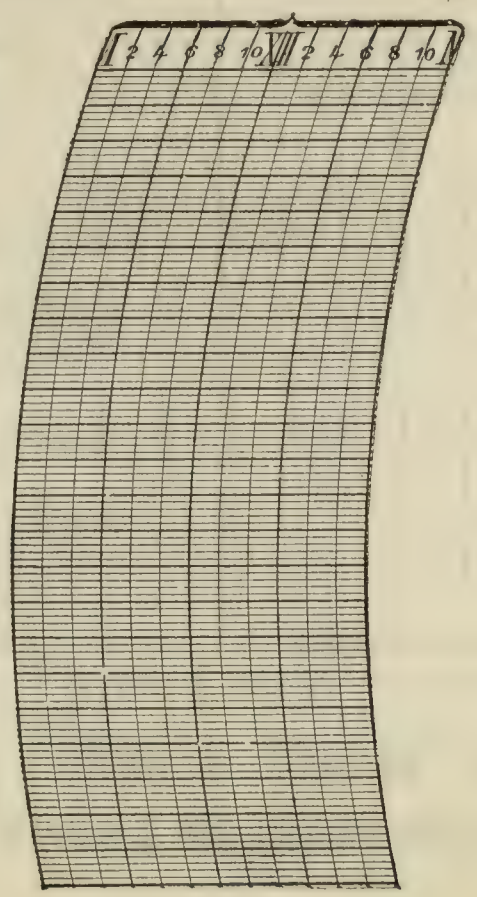
River gage, frozen.

Partly interpolated.

NOTES.







Prepared by
Verified by OWM

8—186

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

LA SALLE, ILL. (Station) ....., (Day of week) Tues., (Date) JAN 24 1911, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	26	26	27	27	27	28	30	28	30	34	36	37	37	38	34	34	34	34	38	38	37	35	37	37
Nature of precipitation and time of beginning and ending														Sl. Rs. 1:45 Sl. L 1.50							R.S. 5.05 R L 8.22			
Amounts of precipitation														T							T			
Cloudiness and other conditions	moon visible																							
	←			Clear				→	Pt. Cldy	→	←	Cloudy												→
Sunshine (in tenths of hours)								77 6	0.6	0.8	0.4	0.1	0	0	0	0	0	0						
Wind direction	SW	SW	S	SW	SW	SW	SW	SW	SW	SW	SW	SW	S	SW	SW	SW	SW	SW	S	S	SE	SE	S	S
Wind movement	8	5	6	3	6	6	8	4	6	8	10	7	9	13	5	7	8	5	2	3	3	4	7	6
Maximum velocities (exceeding 25 miles)																								

Sunrise: Time, 7:14 Character, Clear

Sunset: Time, 5.03 Character, Cloudy

	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
39	27	33	31

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Cloudy 8. Moon phase, ✓

Actual sunshine, hours, 3.1

Possible sunshine, hours, 9.1

Percentage of possible sunshine, 35

Prevailing direction, SW

Total movement, 185

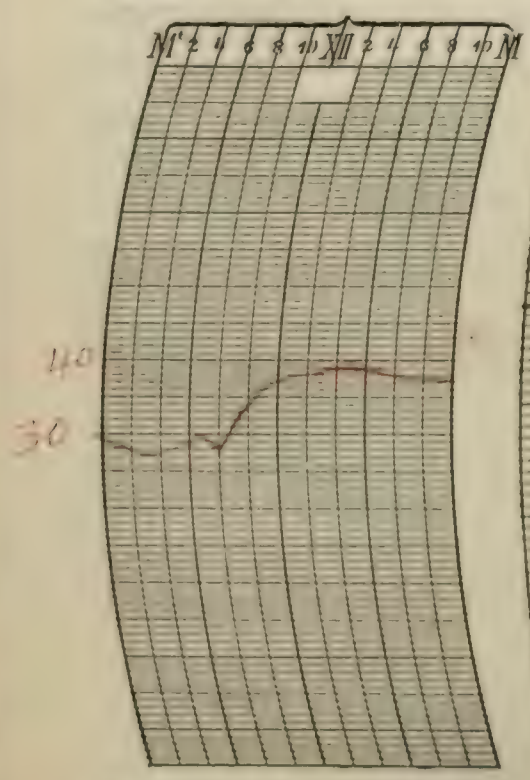
Average hourly velocity, 6.3

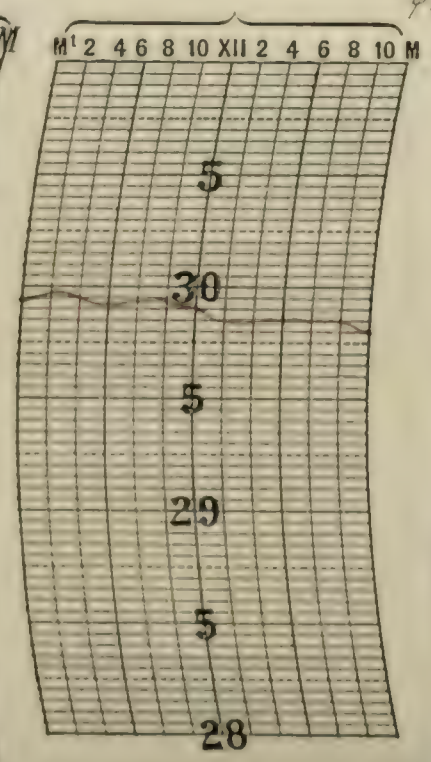
Maximum velocity,	Direction,	Time.
14	S	

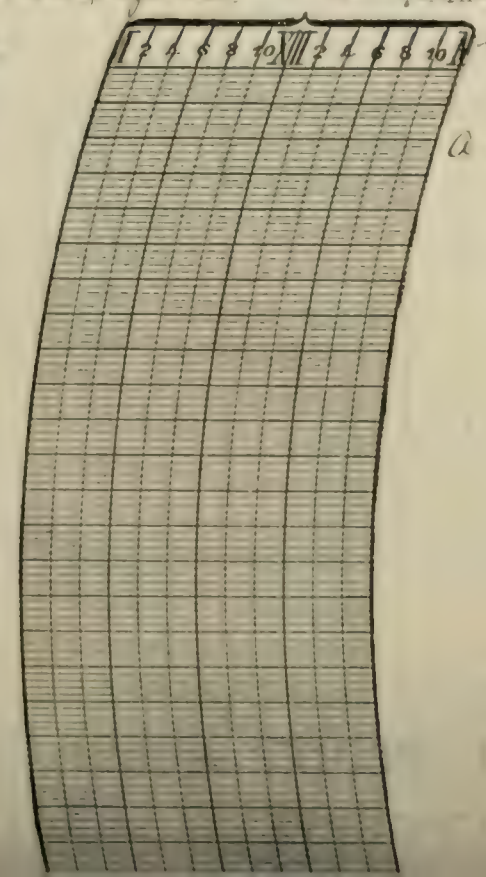
Relative humidity, 74 a. m. ..... p. m.

Reduced barometer, 30.55 a. m. ..... p. m.

River gage, 9.05







NOTES.

* Partly by obs. # Partly interpolated; portion of record lost owing to defective battery.

a light fall of sleet occurred in the afternoon

Prepared by

Verified by

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

LA SALLE, ILL.

(Station) _____, (Day of week) Wed., (Date) [illegible] 25 [illegible], 191

Time (local standard), 90 mer.

	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	37	38	38	38	37	37	36	35	36	37	38	39	40	41	40	40	40	39	38	39	39	39	39	39
State of weather: Nature of precipitation and time of beginning and ending					R.B. 10 Ma.	– –	RE 6.36	RB 7.44	RE 8.32								RB. 4.20	– –	– –	– –	– –	– –	– –	– –
Amounts of precipitation					T	T	.01	T	T								T	T	T	T	.01	T	.01	T
Cloudiness and other conditions	moon obscured				Cloudy												Cloudy							
	Sunrise: Time, 7:13 Character, Cloudy																				Sunset: Time, 5:04 Character, Cloudy			
Sunshine (in tenths of hours)								0	0	0	0	0	0	0	0	0	0	0						
Wind direction	SW	SW	S	SE	SE	SE	E	E	E	SE	SE	S	S	S	S	S	S	S	SE	SE	SE	SE	SE	SE
Wind movement	7	4	2	4	2	3	5	4	4	4	4	3	4	5	6	3	3	3	1	2	3	3	3x	4x
Maximum velocities (exceeding 25 miles)																								

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

x Estimated.

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
41	35	38	29

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .01 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, .03 inches.

Character of day, Cloudy 10 Moon phase, –

Actual sunshine, hours, 0

Possible sunshine, hours, 9.8

Percentage of possible sunshine, 0

Prevailing direction S E

Total movement, 56

Average hourly velocity, 36

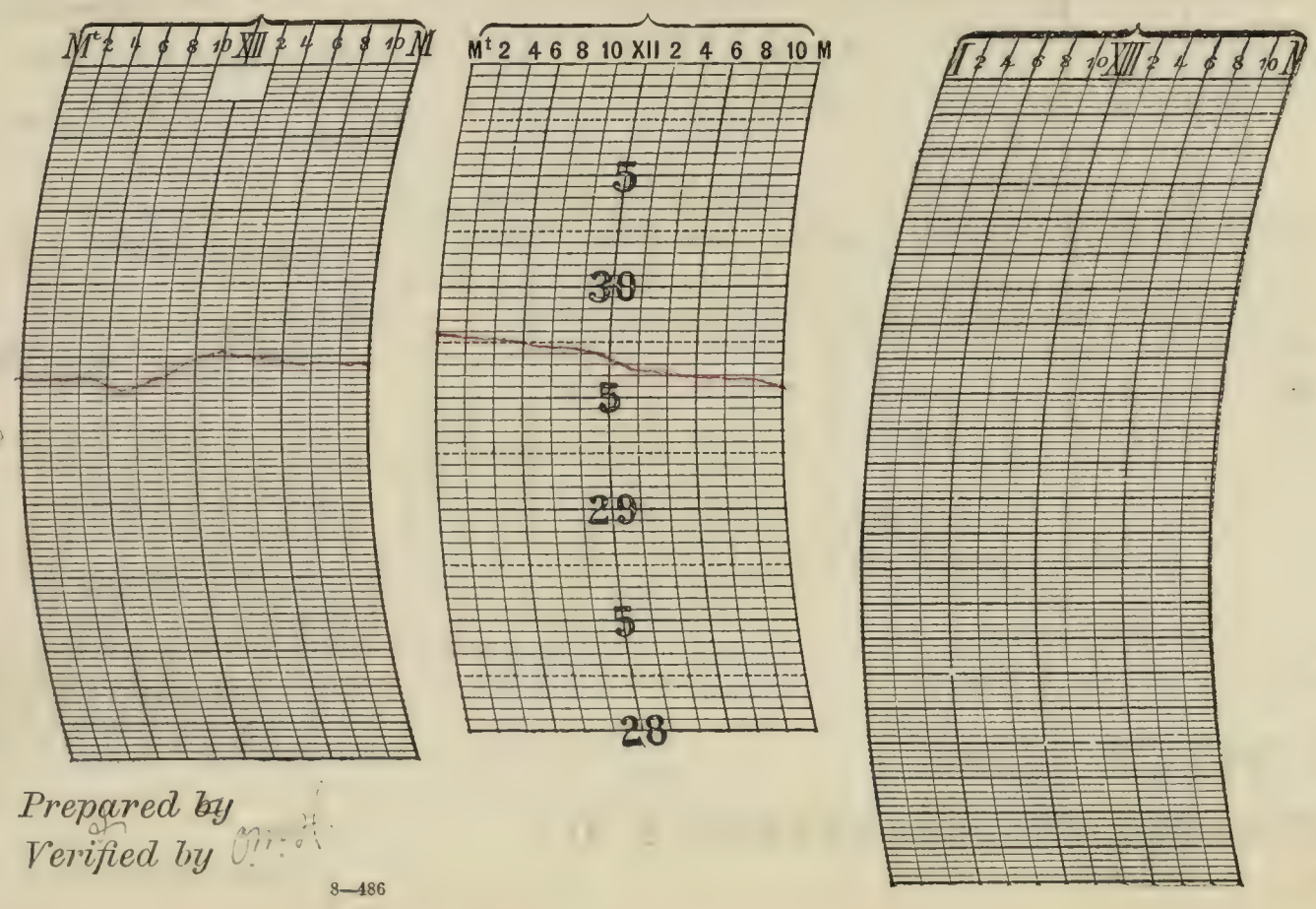
Maximum velocity,	Direction,	Time.
8	S	12:10 a

Relative humidity, 94 a. m. _____ p. m.

Reduced barometer, 30.32 a. m. _____ p. m.

River gage, frozen

NOTES. † For 22 h. 45 m.



Prepared by
Verified by [illegible]

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

JAN 26 1911

(Station) LA SALLE, ILL., (Day of week) Thurs., (Date) ....., 191

Time (local standard), 75 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	39	30	40	40	40	40	43	44	46	47	49	50
State of weather: Nature of precipitation and time of beginning and ending		RE Sn						RB 30		RE 10		
Amounts of precipitation	.01	T						T	T	T		
Cloudiness and other conditions	Fog obscured				Cloudy							
Sunrise: Time, Character	7:12 Cloudy											
Sunshine (in tenths of hours)								0	0	0	0	0
Wind direction	SE	SE	S	S	S	S	S	SW	S	S	SW	SW
Wind movement	3	3	3	3	4	4	8	6	4	3	6	12
Maximum velocities (exceeding 25 miles)												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	50	51	51	53	52	52	52	52	53	51	51	50
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					Cloudy			Ft. fog				
Sunset: Time, Character									5:06 Cloudy			
Sunshine (in tenths of hours)	0	0	0	0	0	0						
Wind direction	SW	SW	SW	SW	SW	SW	SE	SW	S	SW	SW	SW
Wind movement	10	7	5	3	5	2	2	5	2		5	5
Maximum velocities												

Excessive precipitation, accumulated amounts

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

..... hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
53	39		

Total depth of snow for 24 hours ending ..... p. m., ... inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to ..... a. m., .03 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, .01 inches.

Character of day, "Cloudy" Moon phase, ...

Actual sunshine, hours, ...

Possible sunshine, hours, ...

Percentage of possible sunshine, ...

Prevailing direction, SW

Total movement, ...

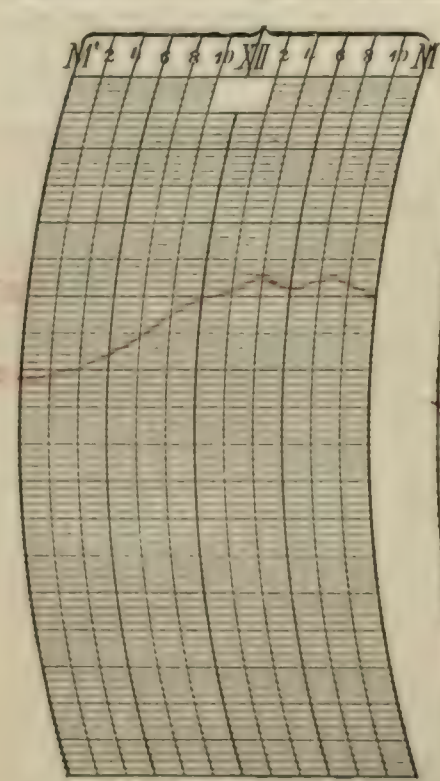
Average hourly velocity, ...

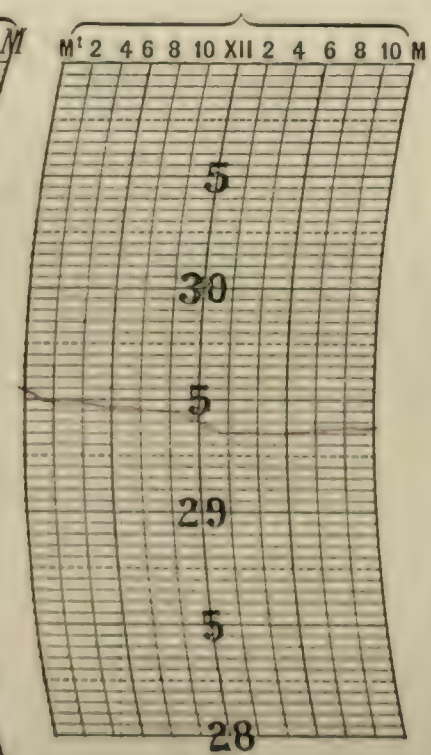
Maximum velocity,	Direction,	Time.
14	SW	4:30 a.m.

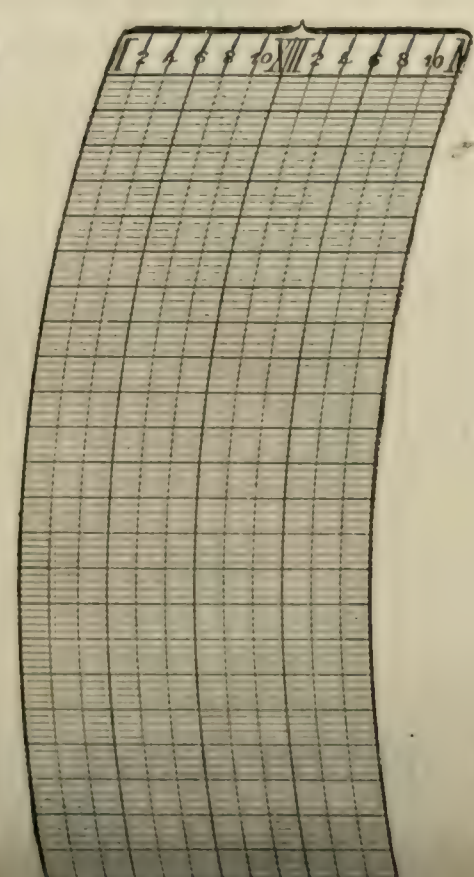
Relative humidity, 98 a. m. ..... p. m.

Reduced barometer, 30.24 a. m. ..... p. m.

River gage, Frozen







NOTES.

A light fog since 8 p.m. yesterday continued through out the following night

Prepared by

Verified by

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Fri., (Date) JAN 27 1911, 191

Time (local standard), 90 mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	49	49	47	46	47	45	44	42	41	40	40	40
State of weather. Nature of precipitation and time of beginning and ending					R.B. 4:04		R.E. 6:25			R.B. 9:15 R.E. 9:38		R.B. 11:18 R.E. 11:33
Amounts of precipitation					T	T	T			T		T
Cloudiness and other conditions	no moon Cloudy											
Sunrise: Time, 7:11 Character, Cloudy												
Sunshine (in tenths of hours)								0	0	0	0	0
Wind direction	W	W	W	W	W	W	NW	NW	W	W	W	W
Wind movement	5	4	3	2	3	5	5	4	5	6	7	11
Maximum velocities (exceeding 22 miles)												

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	41	41	41	40	39	38	37	36	35	34	34	33
State of weather. Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Cloudy no moon											
Sunset: Time, 5:07 Character, Cloudy												
Sunshine (in tenths of hours)	0	0	0	0	0	0						
Wind direction	W	NW	NW	NW	NW	NW	NW	NW	W	W	NW	NW
Wind movement	12	12	11	10	10	9	7	7	11	8	5	5
Maximum velocities (exceeding 22 miles)												

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
50	33	42	22

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., T ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Cloudy 10 Moon phase,

Actual sunshine, hours, 0

Possible sunshine, hours, 9.9

Percentage of possible sunshine, 0

Prevailing direction NW

Total movement, 173

Average hourly velocity, 7.2

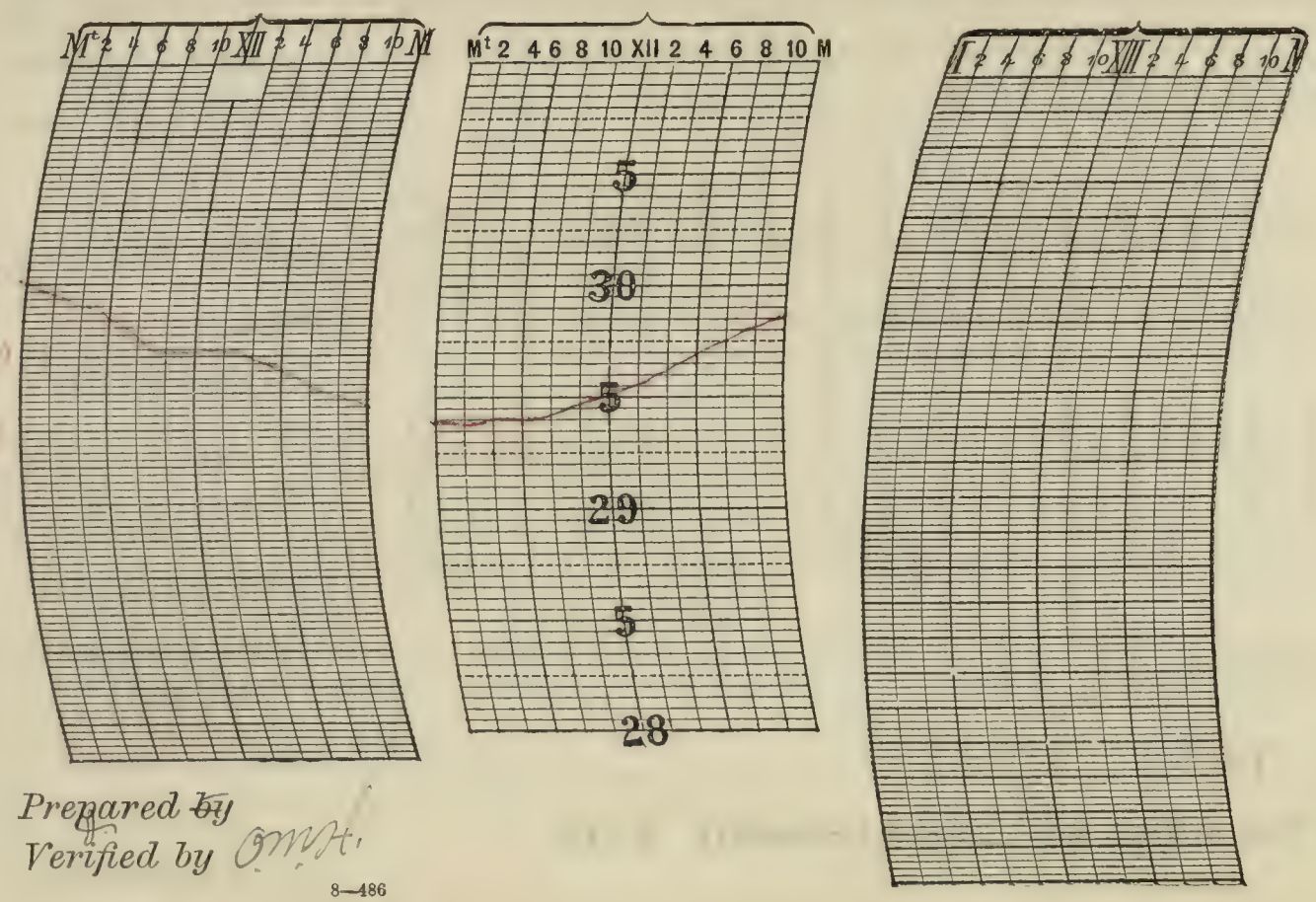
Maximum velocity,	Direction,	Time.
14	NW	1:29 p.

Relative humidity, 100 a. m. p. m.

Reduced barometer, 29.97 a. m. p. m.

River gage, Not in.

NOTES.



Prepared by
Verified by O.M.H.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Sat., (Date) JAN. 7 1911, 191

Time (local standard), 90 mer. — ___ hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	33	31	31	30	30	29	28	[illegible]	28	28	28	29
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	1		—		—	Clear		[illegible]		—	Cloudy	
Sunrise: Time, 7:10; Character, Clear												
Sunshine (in tenths of hours)	6							8 0	10 0	9.5 9.4	0.8	1.0
Wind direction	NW	NW	NW	NW	W	NW	W	W	W	W	SW	SW
Wind movement	5	6	7	5	7	6	3	3	4	6	6	6
Maximum velocities (exceeding 25 miles)												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	30	31	32	33	33	32	32	32	32	32	36	37
State of weather: Nature of precipitation and time of beginning and ending												RS. SNS
Amounts of precipitation												T
Cloudiness and other conditions												
Sunset: Time, 5:15; Character, Cloudy												
Sunshine (in tenths of hours)	0.5	0	0	0	0	0						
Wind direction	S	S	S	SE	E	E	E	E	SE	SE	S	S
Wind movement	6	7	5	4	6	7	7	7	7	7	7	3
Maximum velocities (exceeding 25 miles)												

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

	Maximum.	Minimum.	Mean.	Normal.
	35	27	31	[illegible]

Total depth of snow for 24 hours ending ___ p. m., 0 inches.

Snow on ground 7 p. m., 1 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to ___ a. m., ___ ins.; to 7 p. m., ___ ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Warmer. Moon phase, ___

Actual sunshine, hours, 0.5

Possible sunshine, hours, 10.0

Percentage of possible sunshine, 5.0

Prevailing direction, S-W-S-W

Total movement, 3[illegible]

Average hourly velocity, 3.[illegible]

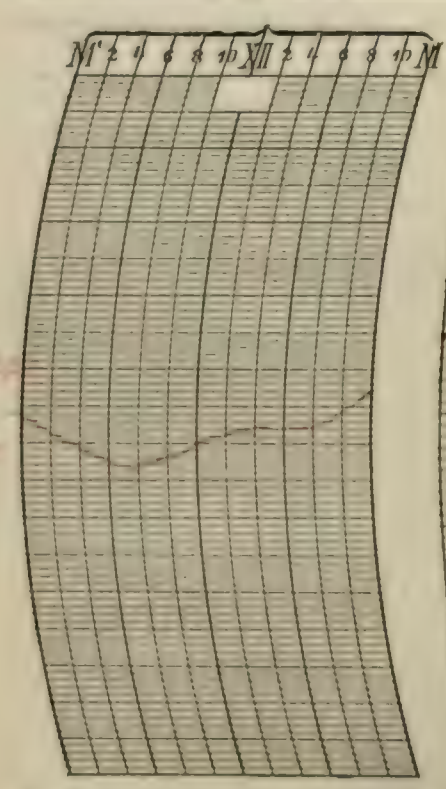
Maximum velocity,	Direction,	Time.
10	S	[illegible]

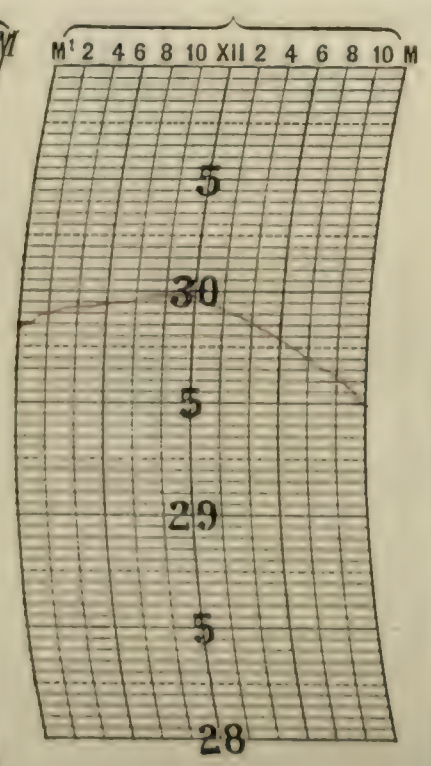
Relative humidity, [illegible] a. m. ___ p. m.

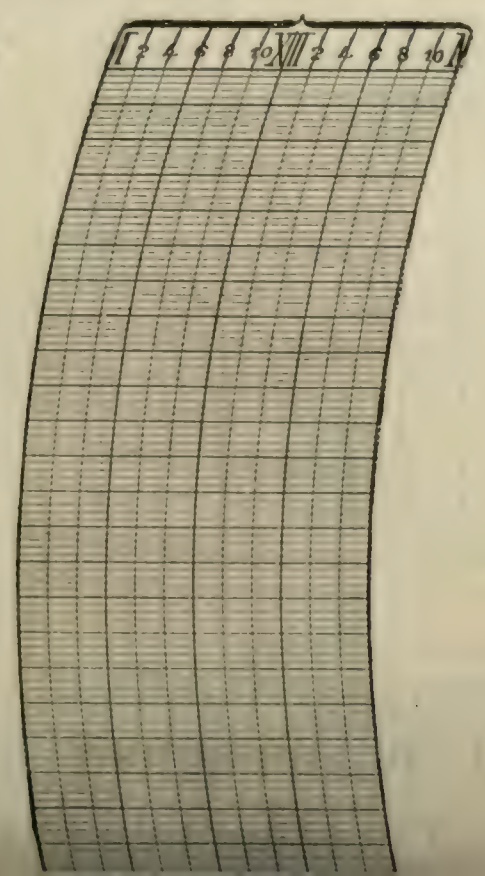
Reduced barometer, 30.[illegible] a. m. ___ p. m.

River gage, [illegible]

NOTES.







Prepared by [illegible]

Verified by [illegible]

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

LA SALLE, ILL.

DAILY LOCAL RECORD.

(Station) _____, (Day of week) Wind, (Date) JAN 29, 191

Time (local standard), 90th mer.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	39	40	41	41	41	42	43	42	41	42	44	40	46	46	47	47	46	45	42	38	35	32	31	28
State of weather: Nature of precipitation and time of beginning and ending		RE. Bma																						
Amounts of precipitation	.01	.01																						
Cloudiness and other conditions	←				Cloudy							→	←		Cloudy			0	no moon	Clear				→
Sunrise: Time, 7:10 Character, Cloudy																					Sunset: Time, 5:09 Character, Cloudy			
Sunshine (in tenths of hours)								0	0	0	0	0	0	0	9.05	0	0	0						
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	W	W	W	W	W	W	W	W	NW	W
Wind movement	5	5	11	10	9	11	14	17	14	16	17	17	17	14	15	16	18	16	18	17	20	19	24	22
Maximum velocities (exceeding 25 miles)																							28	

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

/ hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
47	28	38	27.7

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .02 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, .02 inches.

Character of day, Cloudy? Moon phase, _____

Actual sunshine, hours, 0.5

Possible sunshine, hours, 10.0

Percentage of possible sunshine, 5

Prevailing direction SW

Total movement, 362

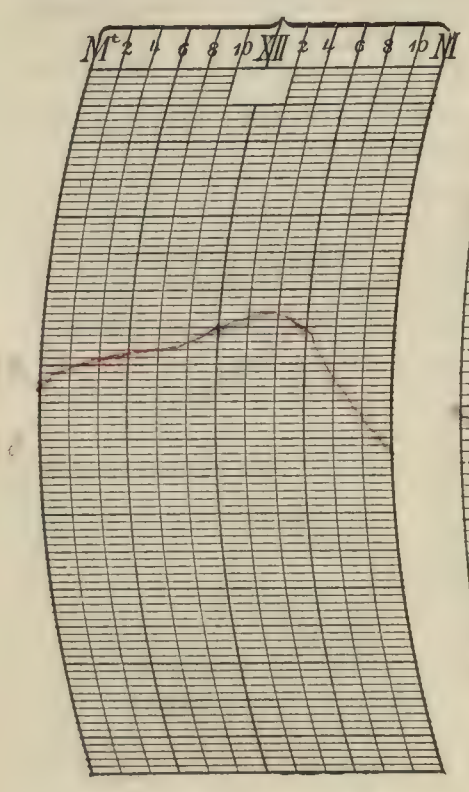
Average hourly velocity, 15.1

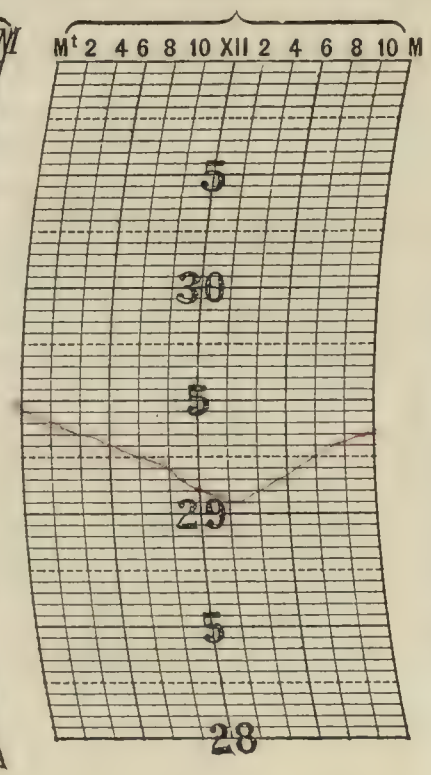
Maximum velocity,	Direction,	Time.
28	NW	10:40 p.

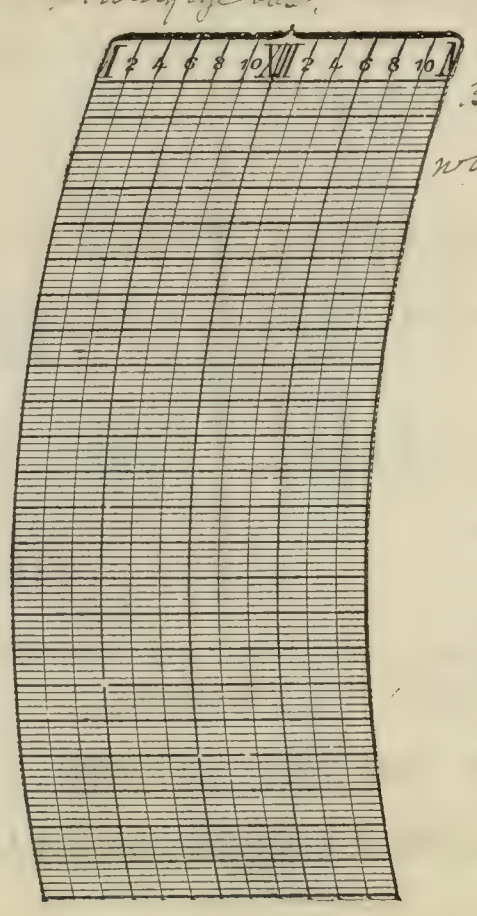
Relative humidity, 92 a. m. _____ p. m.

Reduced barometer, 29.87 a. m. _____ p. m.

River gage, 18.6 rising







Partly Eye obs.

Cleared very rapidly after 5:30 p.

NOTES.

Brisk westerly winds prevailed during the day with a maximum velocity of 28 miles per hour.

Prepared ~~by~~

Verified by Om.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Monday, (Date) JAN 30 1911, 191

Time used (local standard), 75th mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	26	24	22	20	19	18	17	17	18	20	21	23
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	←				Clear							→
Sunrise: Time, Character	7:09 Clear											
Sunshine (in tenths of hours)								85 0	10	10	10	10
Wind direction	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW
Wind movement	9	20	17	8	15	14	15	3	14	9	9	8
Maximum velocities (exceeding 25 miles)												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	24	26	27*	27*	26*	25	25	25	26	27	27	28
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	←			Clear								→
Sunset: Time, Character									5:10 Clear			
Sunshine (in tenths of hours)	10	10	10	10	05	0						
Wind direction	W	W	W	W	W	NE	NE	E	E	SE	SE	SE
Wind movement	6	7	5	3	2	3	1	3	2	5	5	7

Excessive precipitation, accumulated amounts.	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

* Eye obs. † Partly type obs. x Instrument stopped.

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
28	17	22	23

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear! Moon phase, 3 days.

Actual sunshine, hours,

Possible sunshine, hours,

Percentage of possible sunshine,

Prevailing direction, NW

Total movement, 235

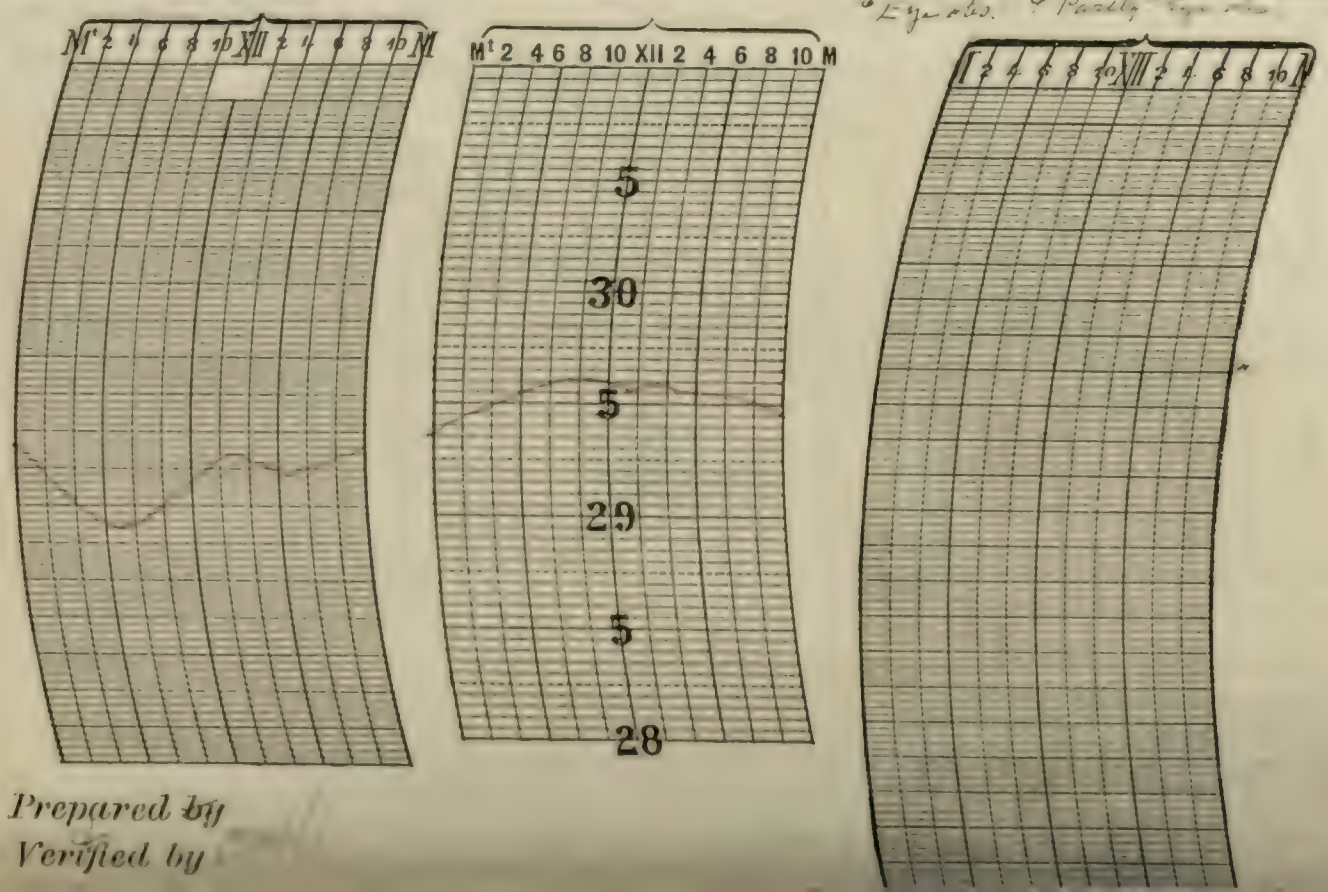
Average hourly velocity,

Maximum velocity,	Direction,	Time.
20	NW	

Relative humidity, 57 a. m. p. m.

Reduced barometer, 30.15 a. m. p. m.

River gage, Not Full



NOTES.

Prepared by

Verified by

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Tues., (Date) JAN 31, 191

Time (local standard), 6 mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	28	28	29	29	30	31	32	32	34	37	39	41	43	45	46	45	44	40	39	37	36	35	35	33
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions	←				Cloudy							→	← Pt. Cldy				→ ← Clear				← Pt Cldy			→ ← no moon Clear →
Sunrise: Time, Character,	7:08 Cloudy																					Sunset: Time, Character, 5:17 Cloudy		
Sunshine (in tenths of hours)								0	0	0.9	1.0	1.0	1.0	1.0	1.0	0.8	0	0						
Wind direction	SE	SE	SE	SE	E	E	SE	SE	SE	SE	S	S	SW	SW	S	S	S	E	E	E	E	E	E	NE
Wind movement	7	8	7	9	7	8	8	8	8	7	7	13	12	8	5	3	1	3	3	3	3	3	4	5
Maximum velocities (exceeding 25 miles)																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
46	28	37	29

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Pt. Cldy 7 Moon phase,

Actual sunshine, hours, 6.7

Possible sunshine, hours, 10.1

Percentage of possible sunshine, 66

Prevailing direction E-SE

Total movement, 152

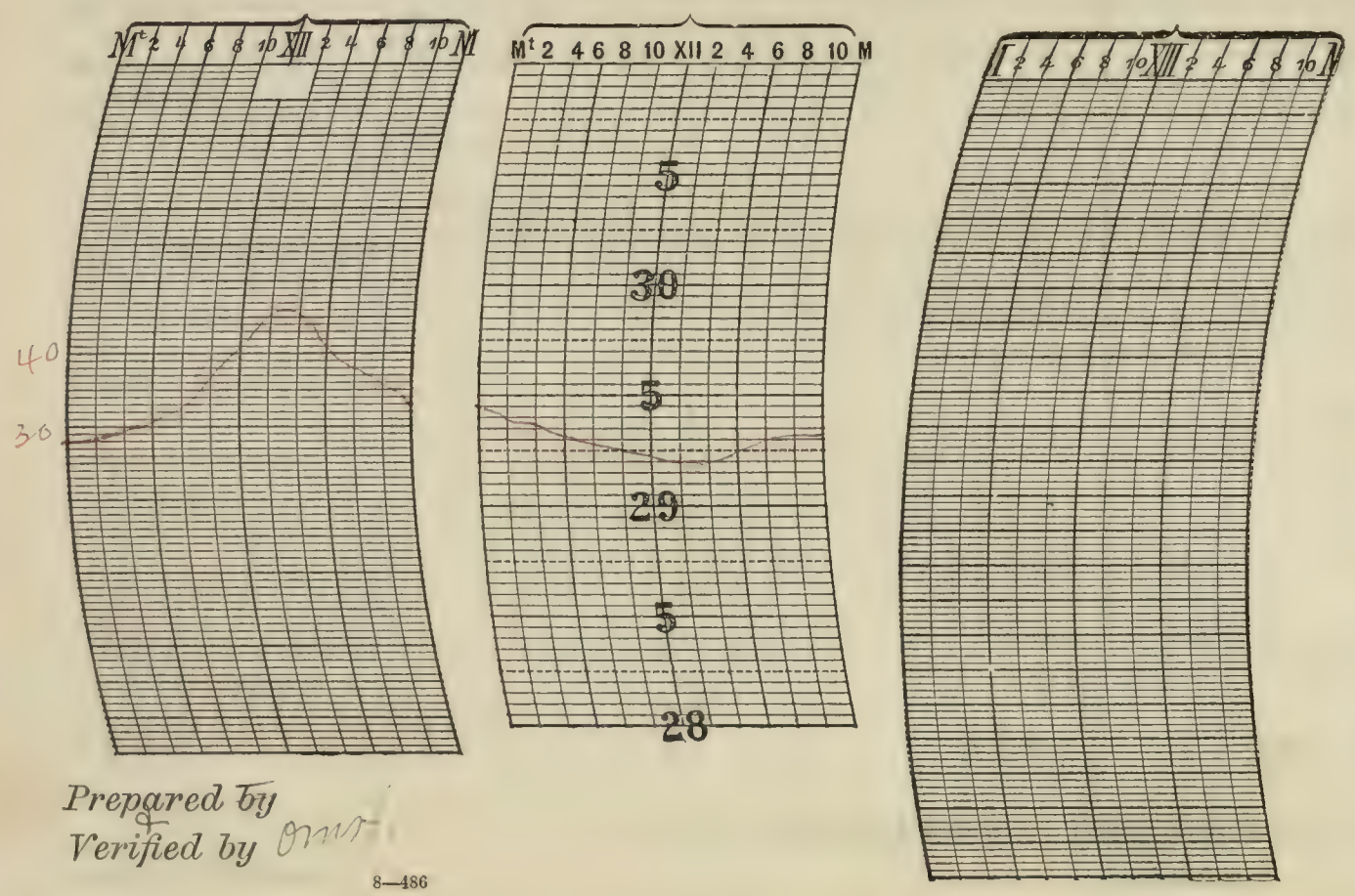
Average hourly velocity, 6.3

Maximum velocity,	Direction,	Time.
15	SW	12:15 p.

Relative humidity, 65 a. m. p. m.

Reduced barometer, 29.90 a. m. p. m.

River gage, 17.9 falling.



NOTES.

Prepared by
Verified by Omr

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Wed., (Date) FEB / 1911 191

Time (local standard), 75 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	33	33	32	32	33	34	35	35	37	39	41	43	46	47	48	50	49	47	45	40	39	38	34	35
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions				Pt. Cloudy					Cloudy						Pt. Cldy					Clear				
Sunrise: Time, 7:07 Character, Clear																					Sunset: Time, 5:13 Character, Clear			
Sunshine (in tenths of hours)								0.60	0	0	0.4	0.9	1.0	1.0	1.0	1.0	1.0 / 0	0						
Wind direction	E	NE	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	NW	W	W	W	W
Wind movement	5	2	9	7	7	9	9	10	11	13	11	12	14	14	12	8	7	6	3	4	2	22	28	25
Maximum velocities (exceeding 25 miles)																						36	31	30

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts.

Maximum.	Minimum.	Mean.	Normal.
50	32	41	32

_____ hours slower than 75th meridian time.

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Pt. Cldy 7 Moon phase, _____

Actual sunshine, hours, 7.1

Possible sunshine, hours, 9.2

Percentage of possible sunshine, 76

Prevailing direction E

Total movement, 257

Average hourly velocity, 10.7

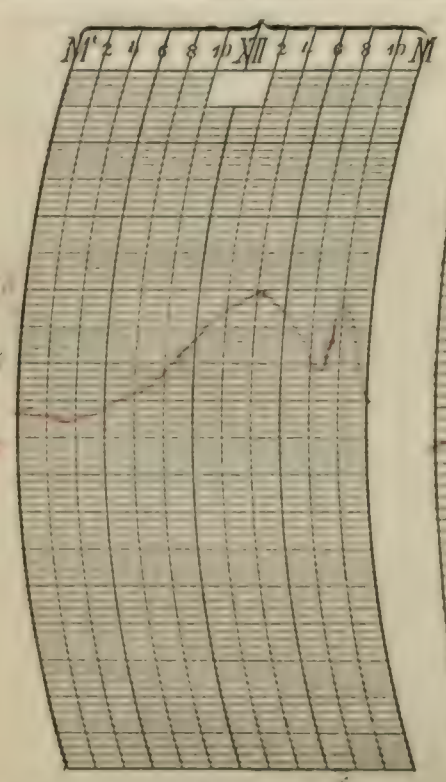
Maximum velocity,	Direction,	Time.
31	N	8:22 a

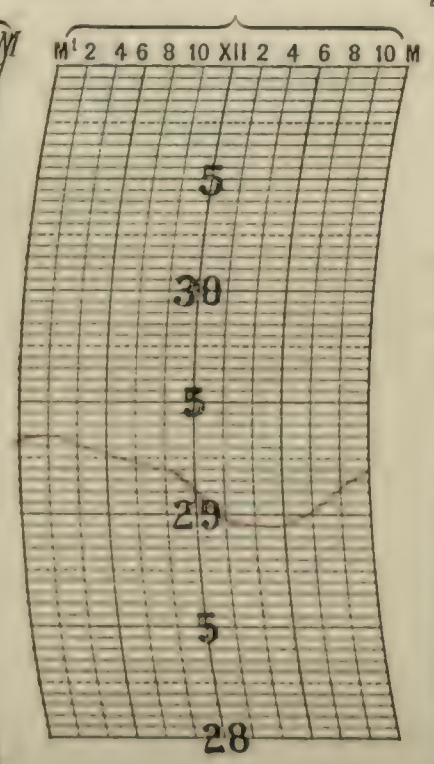
Relative humidity, 85 a. m. _____ p. m.

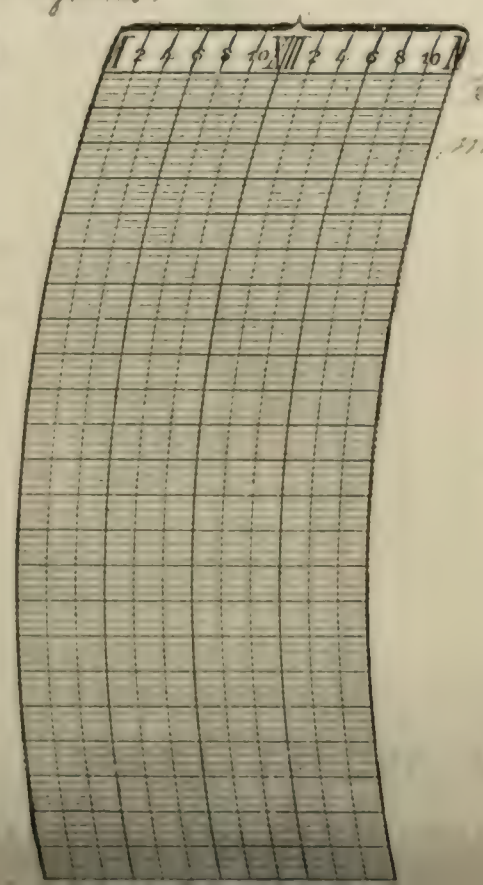
Reduced barometer, 29.85 a. m. _____ p. m.

River gage, 12.4 falling

o Eye obs.







NOTES.

Prepared by

Verified by

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE ILL., (Day of week) Thurs., (Date) FEB 9 1911, 191

Time (local standard), 90 mer.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	33	30	28	26	25	25	25	25	25	25	26	27	28	29	29	29	29	29	28	28	27	26	26	26
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions	←				Cloudy								←		Cloudy						← Clear →			
Sunrise: Time, 7:06; Character, Cloudy.																					Sunset: Time, 5:14; Character, Cloudy			
Sunshine (in tenths of hours)								0	0	5	5	5	0	0	0	0	0	0						
Wind direction	W	W	W	W	W	W	W	NW	NW	NW	W	W	W	W	W	NW	NW	NW	NW	NW	NW	E	E	E
Wind movement	21	22	22	23	23	21	18	15	14	11	8	9	9	8	7	5	4	2	1	2	2	4	4	6
Maximum velocities (exceeding 25 miles)	26	34	-	31	27	26																		

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
35	25	30	22

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Cloudy* Moon phase, ✓

Actual sunshine, hours, 0

Possible sunshine, hours, 10.1

Percentage of possible sunshine, 0

Prevailing direction W

Total movement, 261

Average hourly velocity, 10.9

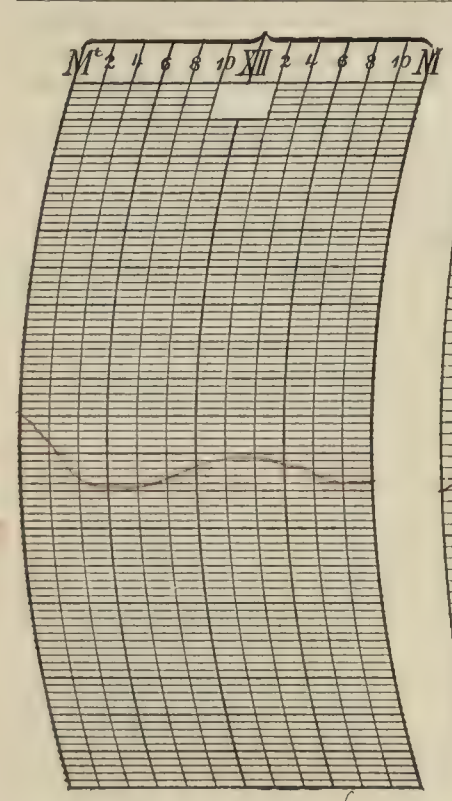
Maximum velocity,	Direction,	Time.
34	W	1:55 am

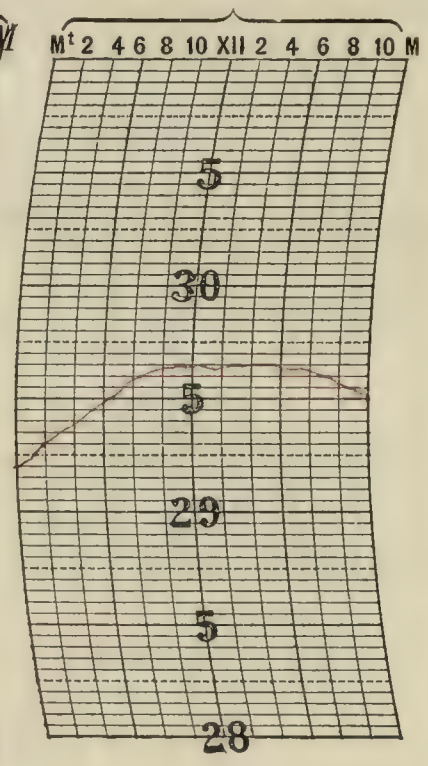
Relative humidity, 80 a. m. ____ p. m.

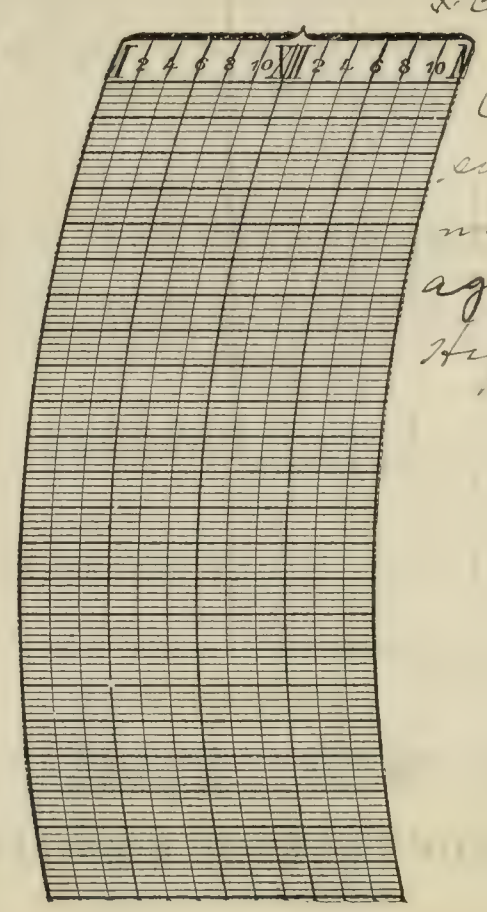
Reduced barometer, 30.10 a. m. ____ p. m.

River gage, 16.9 falling.

* Cleared rapidly after sunset.







NOTES.

Coldwave warning received 6:35 am; signal hoisted 6:40 am, and Rural Mail Carriers notified of coldwave. The signal was lowered again upon receipt of forecast at 8.50 am. High west winds prevailed during the early morning.

Prepared by
Verified by JMW

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Fri., (Date) FEB 3 1911, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	29	30	30	30	29	29	30	30	31	31	32	33	35	36	36	36	36	35	35	34	[illegible]	[illegible]	[illegible]	[illegible]
State of weather. Nature of precipitation and time of beginning and ending										3 PM B 7 5 SNE 7 38														
Amounts of precipitation										T														
Cloudiness and other conditions						Cloudy									Cloudy				x		moon visible		Clear	
Sunshine (in tenths of hours)								0	0	0	0	0	0	0	0	0	0	0						
Wind direction	SE	S	S	S	S	SE	SE	SE	SE	SE	SE	SE	SE	S	S	S	E	E	N	N	W	N	N	N
Wind movement	6	10	9	10	7	5	6	6	9	9	9	7	8	7	4	3	3	3	5	5	6	4	6	7
Maximum velocities (exceeding 25 miles)																								

Sunrise: Time, 7:05 Character, Cloudy

Sunset: Time, 5:16 Character, Cloudy

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

_____ hours slower than 75th meridian time.

Maximum.	Minimum.	Mean	Normal.
36	26	31	[illegible]

Total depth of snow for 24 hours ending 7 p. m., 9 inches.

Snow on ground 7 p. m., 9 inches.

Total snowfall, midnight to midnight, 9 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 1 ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Cloudy 9 Moon phase, ✓

Actual sunshine, hours, 0.7

Possible sunshine, hours, [illegible]

Percentage of possible sunshine, 7

Prevailing direction, SE

Total movement, 154

Average hourly velocity, 6.4

Maximum velocity.	Direction.	Time.
13	SE	[illegible]

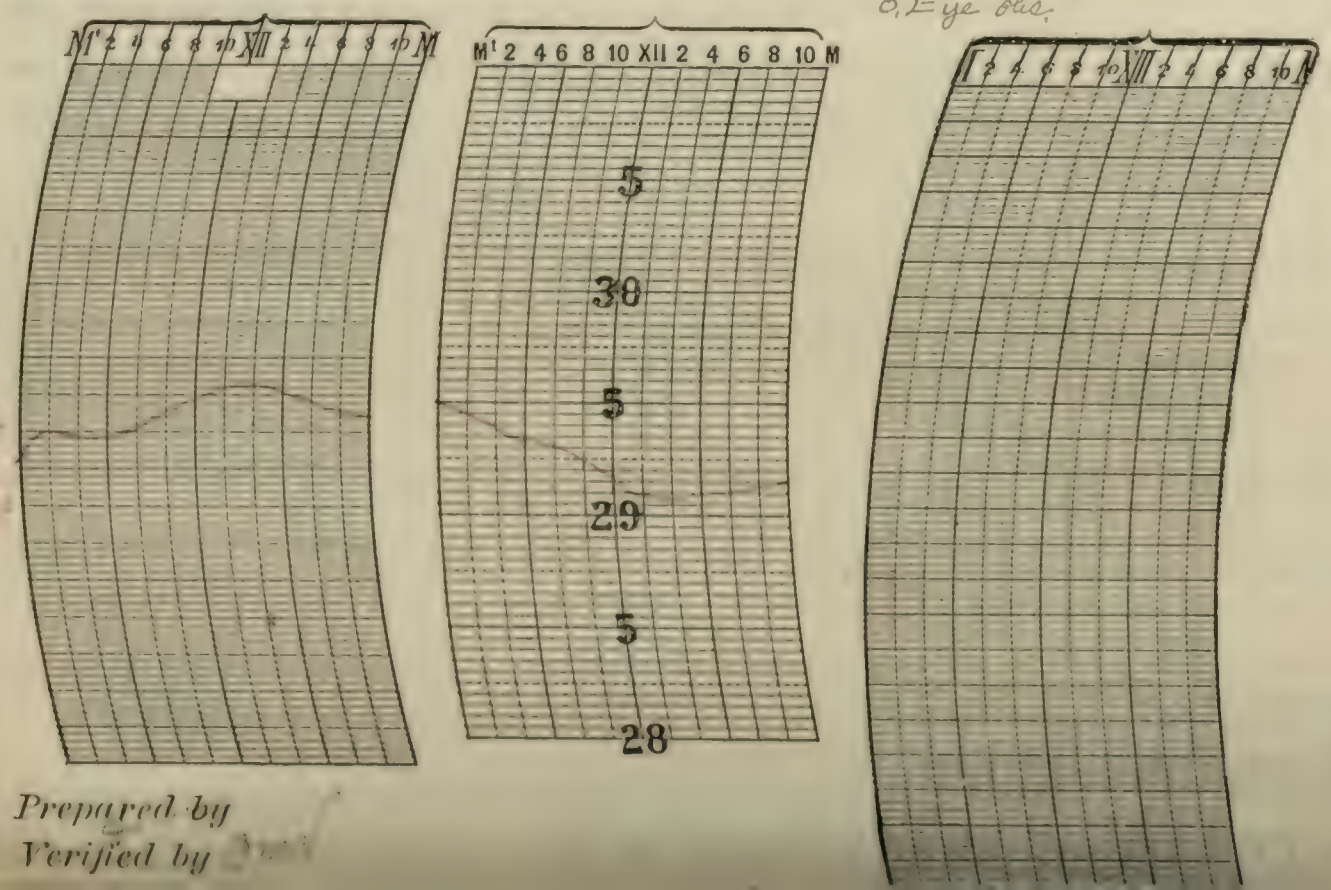
Relative humidity, 85 a. m. _____ p. m.

Reduced barometer, 29.91 a. m. _____ p. m.

River gage, 14.5 falling

O, Eye obs.

x Cleared rapidly after sun set



NOTES.

Prepared by

Verified by

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

LA SALLE, ILL.

(Station) _____, (Day of week) Sat, (Date) Feb 4, 191

Time (local standard), 75 mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	31	29	26	24	20	20	18	18	19	21	24	27	30	33	34	35	34	33	31	30	29	27	25	24
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions	←			Clear								→	←			Clear				moon visible				→
	Sunrise: Time, 7:04		Character, Clear																		Sunset: Time, 5:17		Character, Clear	
Sunshine (in tenths of hours)								8:3 0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6 0.4	1.8 0						
Wind direction	W	W	W	W	W	W	W	W	W	W	NW	W	W	W	W	W	W	W	W	W	W	NW	NW	NW
Wind movement	11	12	11	14	13	16	15	14	17	15	16	14	15	14	15	15	11	7	6	6	7	7	6	5
Maximum velocities (exceeding 30 miles)																								

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
35	17	26	23

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase, ✓

Actual sunshine, hours, 10.2

Possible sunshine, hours, 10.2

Percentage of possible sunshine, 100

Prevailing direction W.

Total movement, 259

Average hourly velocity, 11.8

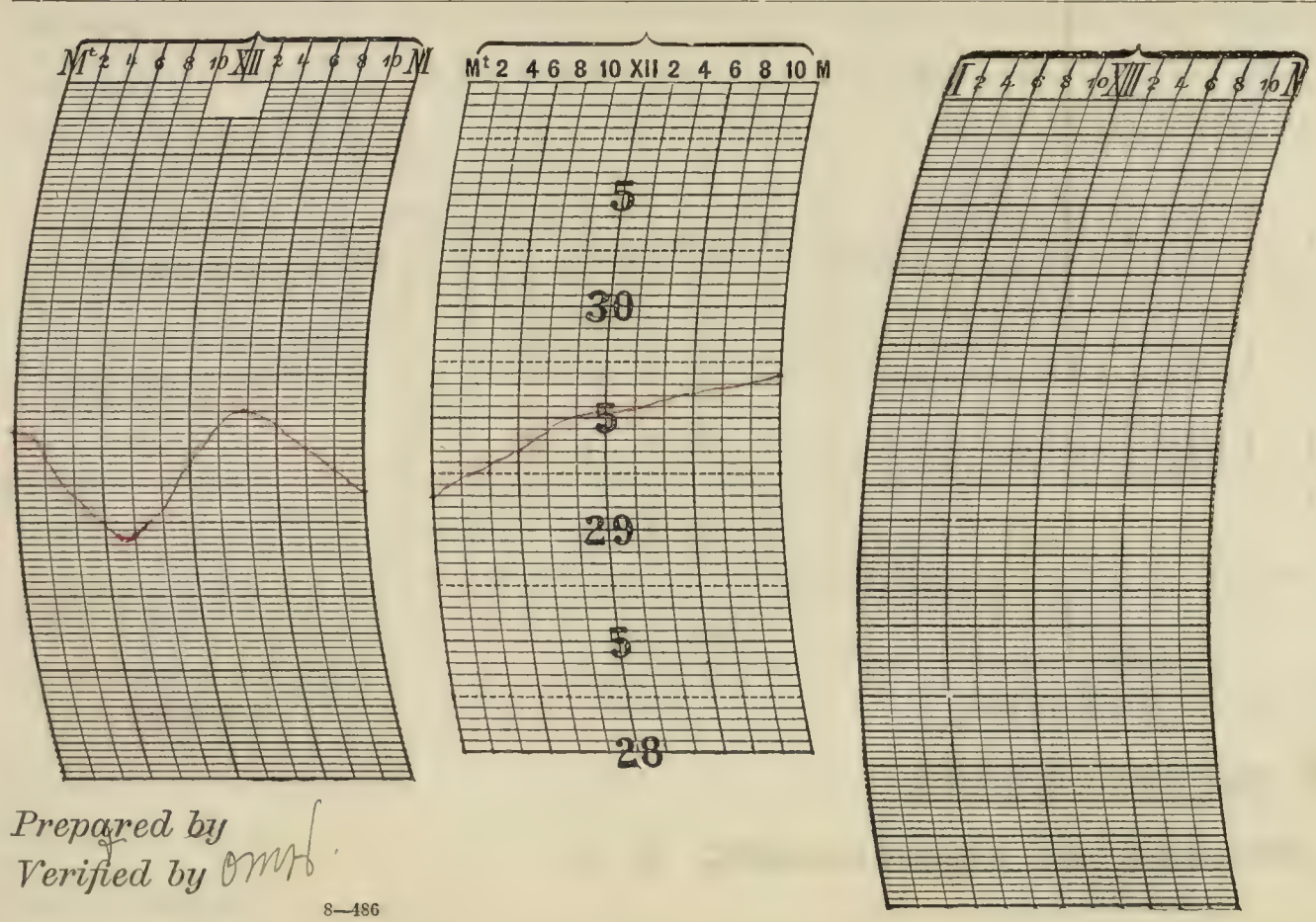
Maximum velocity,	Direction,	Time.
19	W	8:50 am

Relative humidity, 79 a. m. _____ p. m.

Reduced barometer, 30.00 a. m. _____ p. m.

River gage, 16.0 falling

NOTES.



Prepared by
Verified by omf

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

FEB 5 1911

(Station) LA SALLE, ILL., (Day of week) Sunday, (Date) ....., 191

Time (local standard), 75th mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	23	22	21	20	20	19	19	20	21	23	24	26	26	24	24	24	24	24	24	24	24	24	23	23
State of weather: Nature of precipitation and time of beginning and ending													SN 2:40											SN
Amounts of precipitation													2			.17	.6					.3	.6	
Cloudiness and other conditions				Cloudy									2			Cloudy								
Sunrise: Time, 7.03 Character, Cloudy																					Sunset: Time, 5. Character, Cloudy			
Sunshine (in tenths of hours)								0	0	0	0	0	0	0	0	0	0	0						
Wind direction	NW	NW	N	NE	NE	NE	NE	E	NE	E	E	E	E	E	E	E	E	E	NE	NE	E	E	E	E
Wind movement	3	3	7	13	13	12	8	5	10	13	16	14	14	16	17	20	20	23	23	20	19	20	21	18
Maximum velocities (exceeding 25 miles)																		27	27					

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

..... hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
26	19	22	23

Total depth of snow for 24 hours ending 7 p. m., 4.2 inches.

Snow on ground 7 p. m., 4.2 inches.

Total snowfall, midnight to midnight, 6.2 inches.

Precipitation to 7 a. m., 2 ins.; to 7 p. m., .16 ins.

Total precipitation, midnight to midnight, .16 inches.

Character of day, Cloudy 10 Moon phase .....

Actual sunshine, hours, 0

Possible sunshine, hours, 9.3

Percentage of possible sunshine, 0

Prevailing direction, E

Total movement, 348

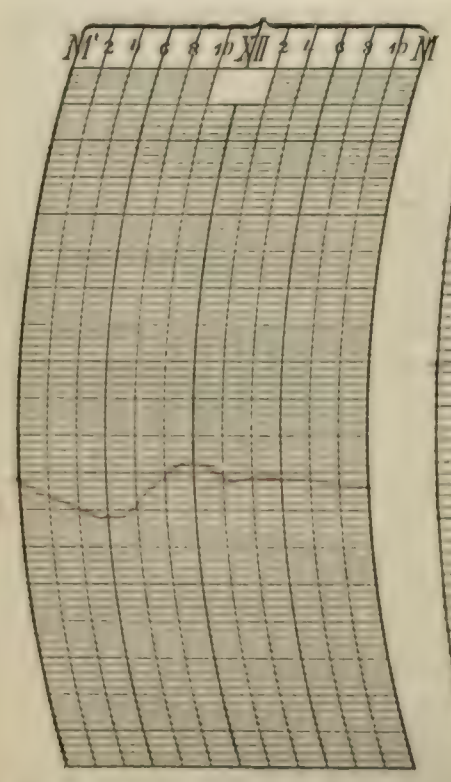
Average hourly velocity, 14.5

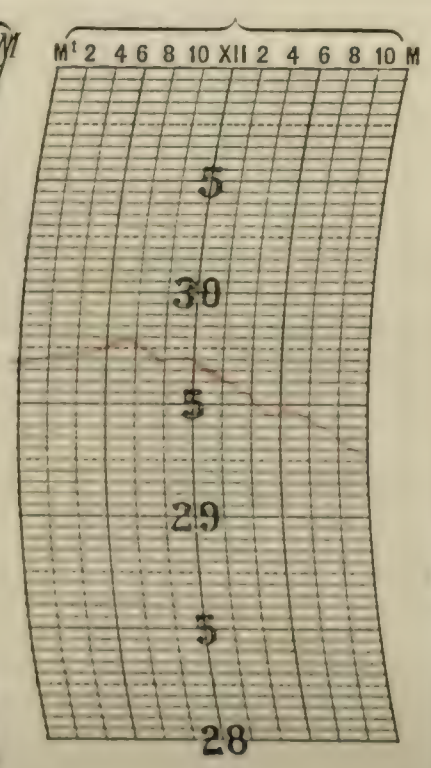
Maximum velocity.	Direction.	Time.
27	NE	6-7

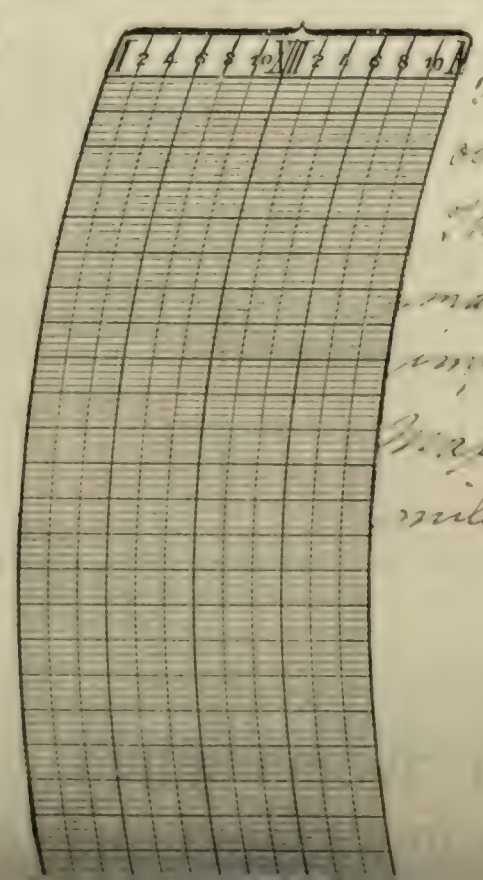
Relative humidity, 66 a. m. ..... p. m.

Reduced barometer, 30.35 a. m. ..... p. m.

River gage, S. E. Fallen







NOTES.

The most severe snow storm of the season thus far occurred during the afternoon and night. The snow was badly drifted by the wind in many places; and traffic and transportation somewhat impeded.

Maximum wind velocity during the storm 27 miles per hour from NE.

Prepared by

Verified by J.W.H.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA CROSSE, WIS., (Day of week) Mond., (Date) Feb 6 1911, 191

Time (local standard), 90 mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	24	24	23	23	23	23	25	26	26	27	26	27
				R.B.				T.E.		SdE		
				10 Ma				7.47		9.32		
State of weather: Nature of precipitation and time of beginning and ending					–	–	–	Sd B. 7.47	–	–		
Amounts of precipitation				T	T	T	T	T	T	T		
Cloudiness and other conditions	←			Cloudy							→	

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	27	26	26	25	25	24	22	20	19	17	15	12
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	←		Cloudy			x →	← moon visible		Clear			→

Sunrise: Time, 7:02 Character, Cloudy

Sunset: Time, 5:19 Character, Cloudy

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Sunshine (in tenths of hours)								0	0	0	0	0
Wind direction	E	NE	NE	NE	NE	NE	NE	NE	NE	NE	N	N
Wind movement	16	17	16	16	16	15	16	16	12	10	11	11

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Sunshine (in tenths of hours)	0	0	0	0	0	0						
Wind direction	N	N	N	N	NW	N	N	NW	NW	NW	NW	NW
Wind movement	13	11	12	10	9	6	5	5	6	4	3	2

Maximum velocities (exceeding 50 miles)

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

---- hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
27	12	20	23

Total depth of snow for 24 hours ending 7 p. m., 2.0 inches.

Snow on ground 7 p. m., 5.8 inches.

Total snowfall, midnight to midnight, T inches.

Precipitation to 7 a. m., .36 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Cloudy 9 Moon phase, ☽ F.Q. 9:28 a.m.

Actual sunshine, hours, 0

Possible sunshine, hours, 10.3

Percentage of possible sunshine, 0

Prevailing direction NE

Total movement, 258

Average hourly velocity, 10.8

Maximum velocity,	Direction,	Time.
19	E	2:50 a

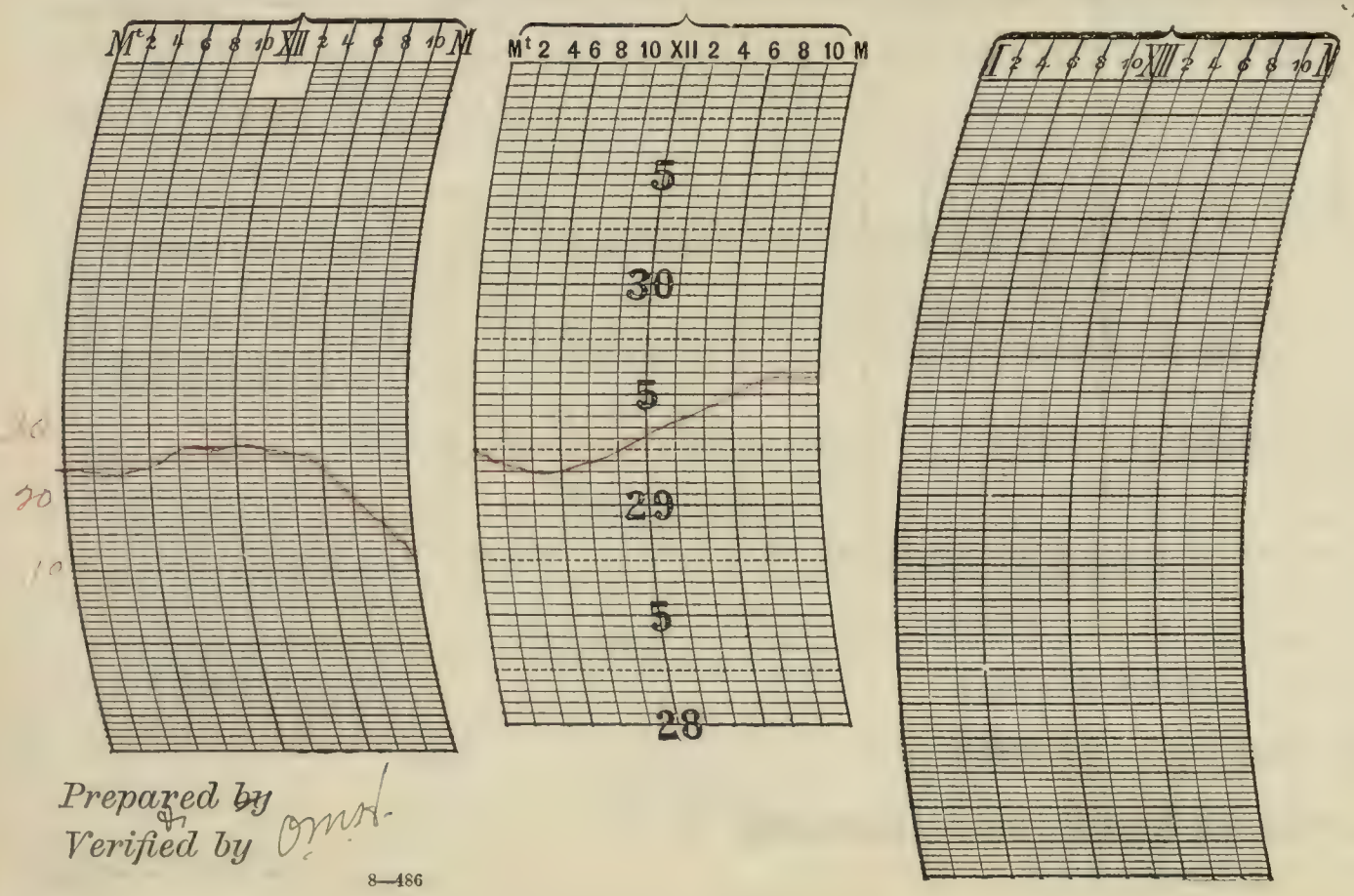
Relative humidity, 94 a. m. ---- p. m.

Reduced barometer, 29.74 a. m. ---- p. m.

River gage, 15.6 falling.

x Cleared rapidly after sunset.

NOTES.



Prepared by

Verified by Omst.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL. , (Day of week) Tue , (Date) FEB 1911 , 191

Time (local standard), 75th mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	12	12	11	10	10	8		5	8	16	21	24	26	28	28	28	28	29	29	28	26	26	25	22
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions	Clear							Partly Cloudy				Cloudy							Faint moon light					
Sunrise: Time, Character,	7:00 Clear,																				Sunset: Time, Character,	5:20 Cloudy		
Sunshine (in tenths of hours)								0	0	0.2	0	0	0	0	0	0	0	0						
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	NE	E	SE	SE	SE	S	S	S	SW	SW	W	W	W	W	W	W
Wind movement	1	1	1	3	1	2	3	2	4	4	6	9	9	8	6	5	4	4	4	5	3	8	7	6
Maximum velocities (exceeding 25 miles)																								

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

_____ hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
29	5	15	23

Total depth of snow for 24 hours ending 7 p. m. 0 inches.

Snow on ground 7 p. m. 0.50 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m. 0 ins.; to 7 p. m. 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Cloudy; Moon phase, _____

Actual sunshine, hours, 2.3

Possible sunshine, hours, 10.3

Percentage of possible sunshine, 22

Prevailing direction, W.S.W.

Total movement, 154

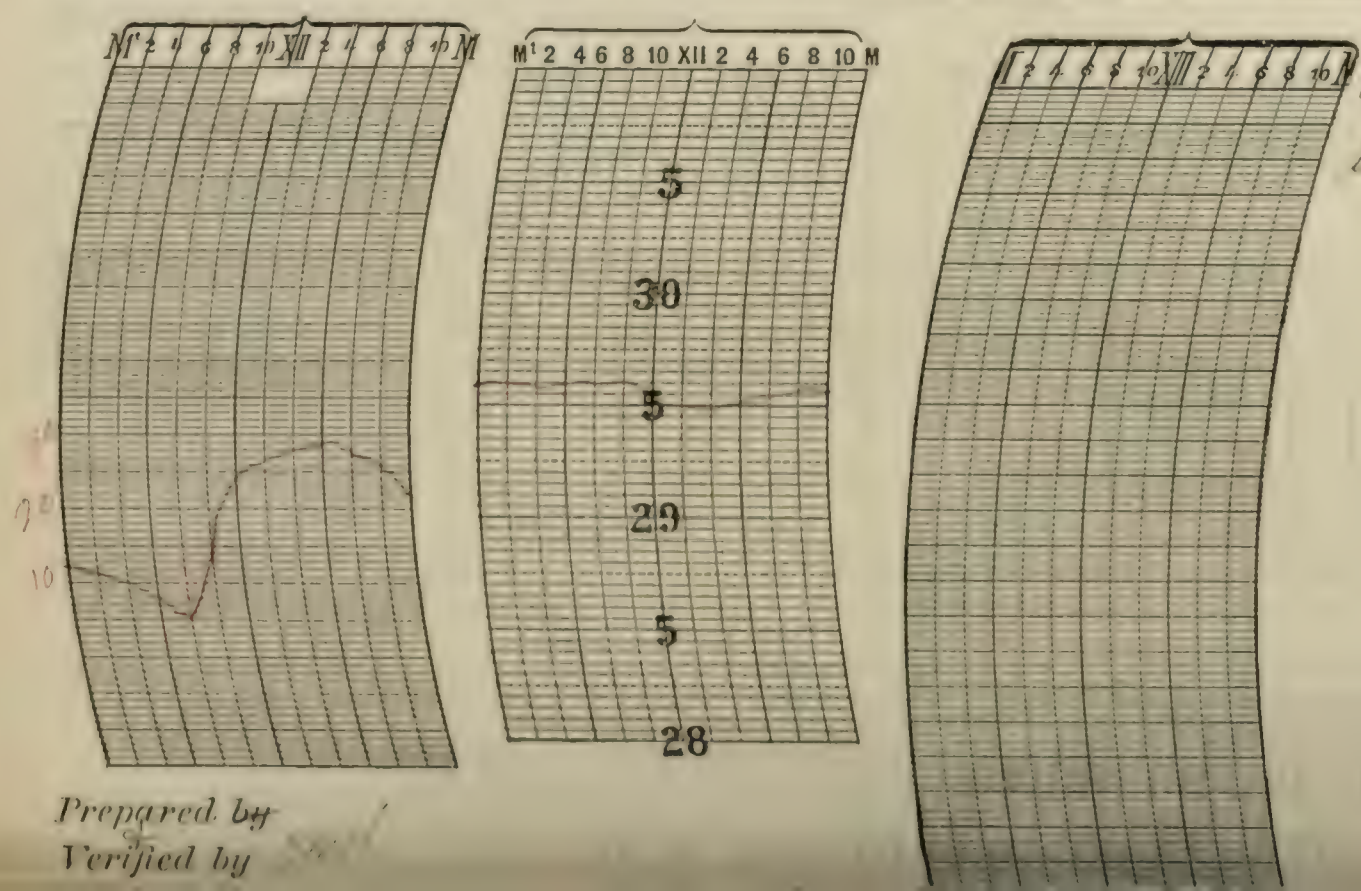
Average hourly velocity, 6.5

Maximum velocity.	Direction.	Time.
9	W	2:55 p

Relative humidity, 76 a. m. _____ p. m.

Reduced barometer, 30.15 a. m. _____ p. m.

River gage, 15.5 falling



NOTES.

There was a dense fog over the river bottom-lill Tues.

Prepared by

Verified by

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

LASALLE, ILL. 1908 5 1911

(Station) ....., *(Day of week)* Wed., *(Date)* ....., 191

Time (local standard), 75th mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	19	20	21	22	22	22	20	15	15	20	21	26
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	←			Dr. fog,	Cloudy						⊕ Clear	→
Sunrise: Time, Character,	6.59 Cloudy											
Sunshine (in tenths of hours)						—	0	0	0	0	⊕ 1.0	1.0
Wind direction	W	NW	NW	NW	NW	NW	NW	NW	NW	SW	W	SW
Wind movement	7	9	8	9	6	4	5	5	3	4	5	5
Maximum velocities (exceeding 50 miles)												

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	29	32	35	36	35	32	31	29	28	25	24	24
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	←				Clear			moon visible				→
Sunset: Time, Character,									5.22 Clear			
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	1.0 ⊕ 0.7	0						
Wind direction	SW	SW	SW	W	W	W	W	W	W	W	SW	SW
Wind movement	7	7	7	6	6	4	5	5	3	5	4	4	
Maximum velocities (exceeding 50 miles)												

⊕ Partly cloudy. ⊕ cleared rapidly after 10. am.

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

..... hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
36	15	26	23

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 5.2 inches.

Total snowfall, midnight to midnight, 1 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Pt. Cldy. Moon phase, ✓

Actual sunshine, hours, 7.4

Possible sunshine, hours, 10.2

Percentage of possible sunshine, 71

Prevailing direction, W

Total movement, 131

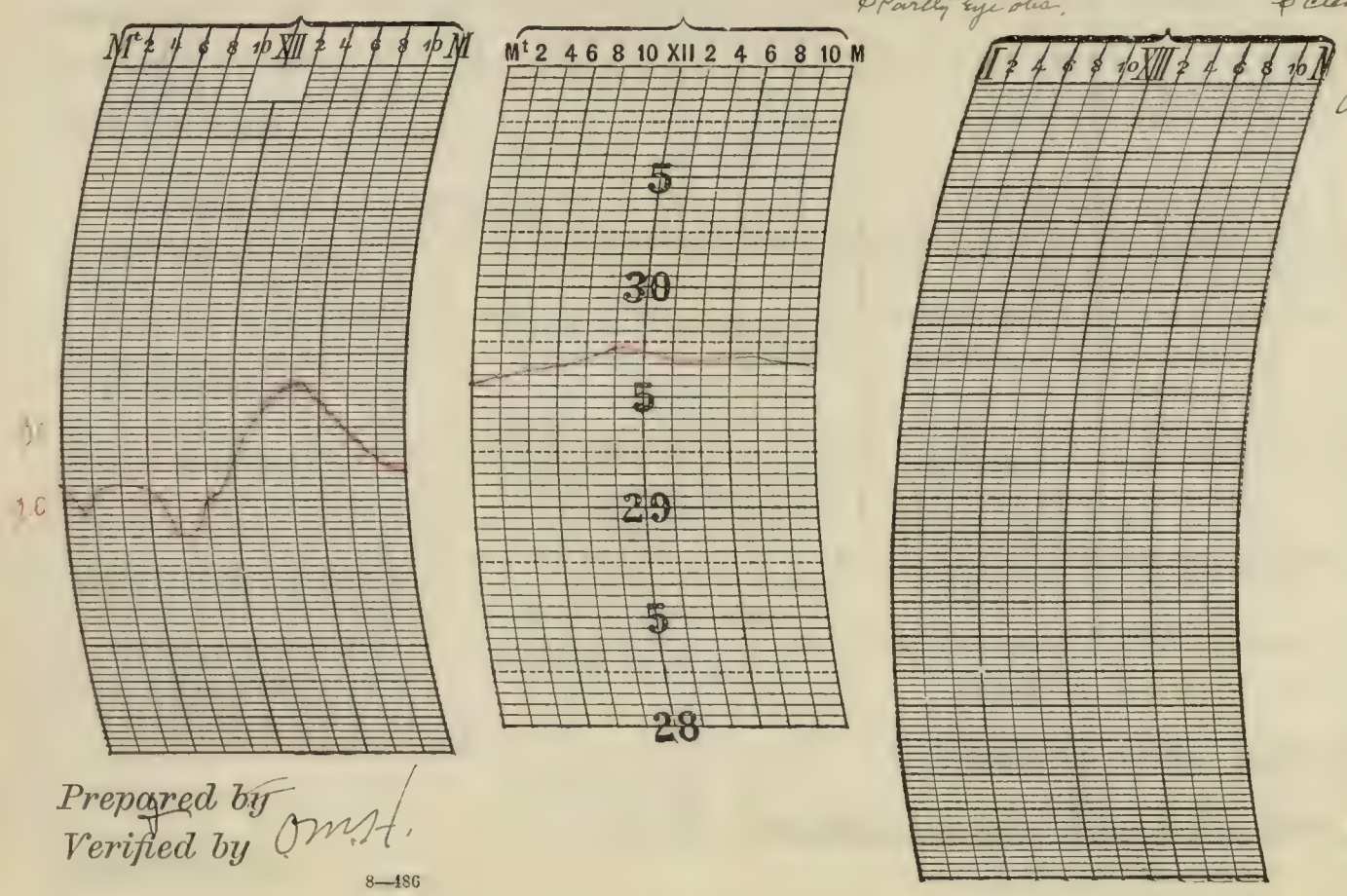
Average hourly velocity, 5.5

Maximum velocity,	Direction,	Time.
13	NW	3.20 a

Relative humidity, 100 a. m. ..... p. m.

Reduced barometer, 30.25 a. m. ..... p. m.

River gage, 16.0 rising



NOTES.

a light fog began Dr. a., ended 10. am.

Prepared by .....

Verified by O.M.S.

8—186

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

LA SALLE, ILL.

DAILY LOCAL RECORD.

(Station) _____, (Day of week) Thurs, (Date) FEB 9 1911, 191

Time (local standard), 7th mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	23	23	25	24	26	26	25	24	22	23	24	26	28	27	25	24	20	19	18	17	16	15	13	12
State of weather: Nature of precipitation and time of beginning and ending										SN B 9.21 Sn E 9.38														
Amounts of precipitation										T														
Cloudiness and other conditions	→				Clear		→	PC	→	Cloudy		→		→	PCldy		→		→	Clear				
Sunshine (in tenths of hours)							0.3 0	0.8 0.2	0.1	0	0.1	1.0	0	1.0	0.4	0.9	0.3	0						
Wind direction	SW	SW	SW	SW	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W
Wind movement	5	9	9	8	11	12	14	17	17	16	18	19	19	20	19	21	20	16	14	14	17	16	14	11

Sunrise: Time, 6:58 Character, Clear

Sunset: Time, 5:23 Character, Clear

Maximum velocities (exceeding 25 miles)

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

_____ hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
28	12	20	23

Total depth of snow for 24 hours ending 7 p. m., T inches.

Snow on ground 7 p. m., 5.0 inches.

Total snowfall, midnight to midnight, T inches

Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, T inches.

Character of day, PCldy Moon visible Moon phase

Actual sunshine, hours, 7.0

Possible sunshine, hours, 10.4

Percentage of possible sunshine, 67

Prevailing direction, W

Total movement, 350

Average hourly velocity, 14.6

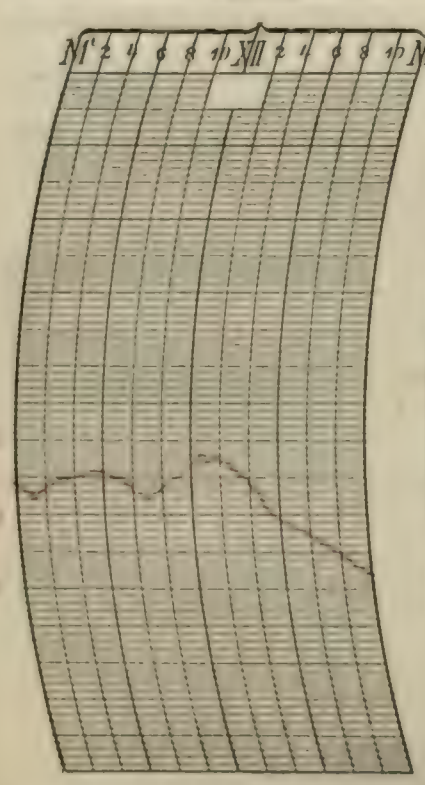
Maximum velocity,	Direction,	Time.
25	W	6:45 a

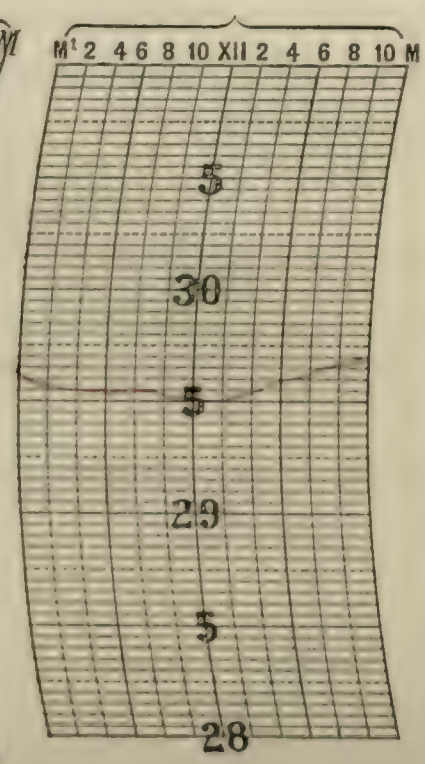
Relative humidity, 57 a. m. _____ p. m.

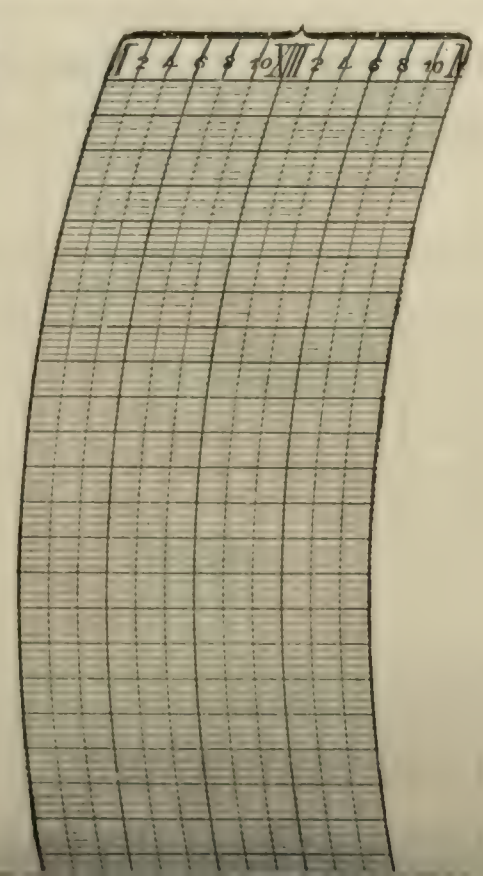
Reduced barometer, 30.12 a. m _____ p. m.

River gage, 10.1 falling

NOTES.







Prepared by

Verified by Omd.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE ILL., (Day of week) Fri., (Date) FEB 10 1911, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	11	10	9	8	7	6	5	4	5	8	11	16	18	21	23	24	25	24	23	23	23	22	22	21
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions	←				Clear							→	←				Clear							→
Sunrise: Time, 6.57 Character, Clear																					Sunset: Time, 5.24 Character, Clear			
Sunshine (in tenths of hours)							.05 0	1.0 0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.02 0.8	.40 0						
Wind direction	W	W	W	W	W	W	W	W	W	W	W	W	W	W	S	SW	S	S	SE	SE	SE	SE	SE	SE
Wind movement	11	9	7	7	8	7	8	7	7	10	6	8	10	9	6	8	5	4	3	5	5	5	5	5
Maximum velocities (exceeding 25 miles)																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

/ hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
25	4	14	24

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 4.8 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear 0 Moon phase, /

Actual sunshine, hours, 10.4

Possible sunshine, hours, 10.4

Percentage of possible sunshine, 100

Prevailing direction W

Total movement, 165

Average hourly velocity, 6.9

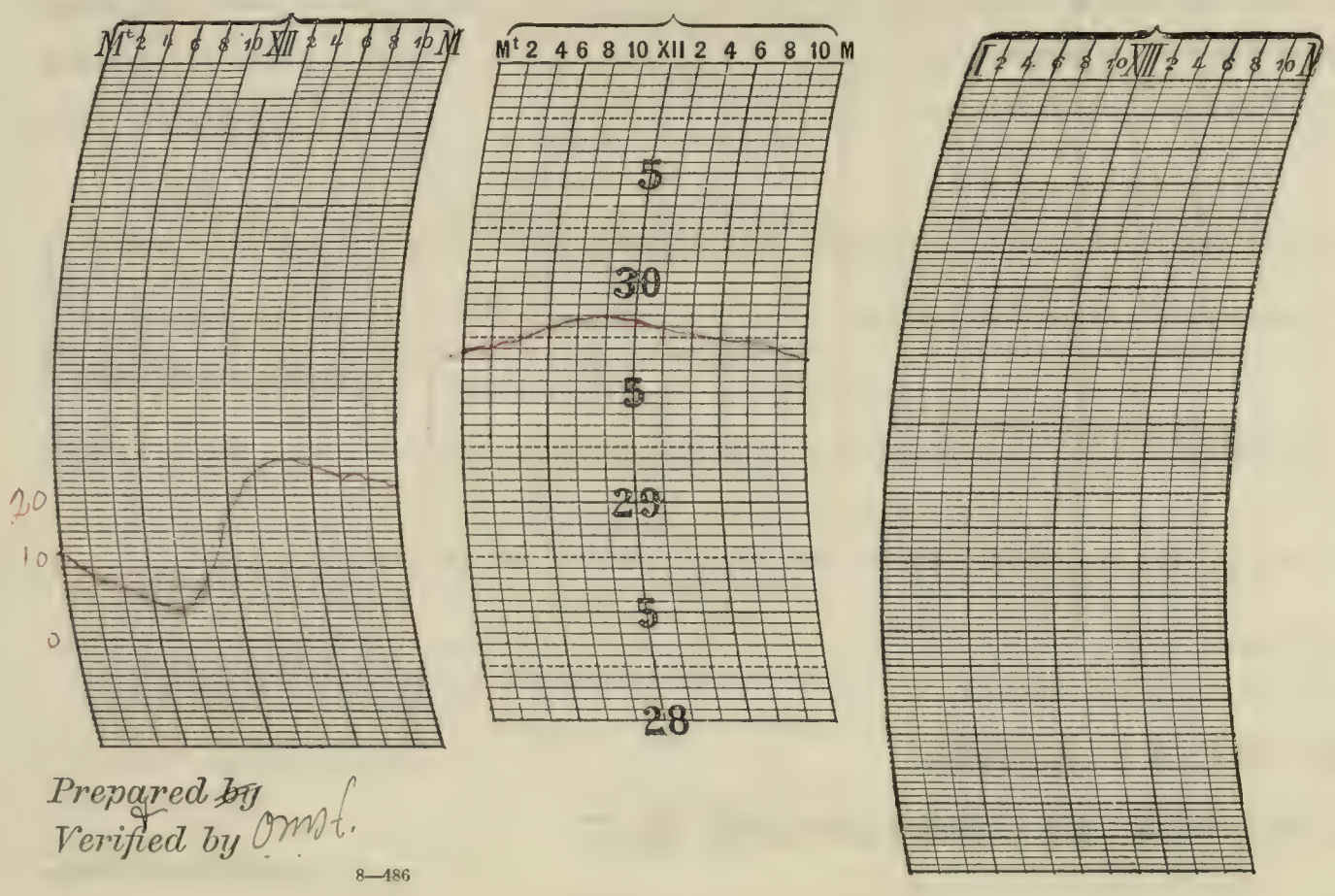
Maximum velocity,	Direction,	Time.
13	W	12:25 a.

Relative humidity, 89 a. m. ____ p. m.

Reduced barometer, 30.41 a. m. ____ p. m.

River gage, Frozen

NOTES.



Prepared by
Verified by Omst.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Sat., (Date) FEB 1/ 1916, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	22	26	29	29	28	27	28	29	32	36	40	43
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	←				Clear							→
Sunrise: Time, Character,	6:56 Clear											
Sunshine (in tenths of hours)							0.7 0	0.7 0.3	1.0	1.0	1.0	1.0
Wind direction	SE	S	SW	SW	S	S	S	S	SW	SW	SW	SW
Wind movement	3	5	7	10	9	9	8	9	8	10	11	17

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	44	44	45	44	43	40	39	38	38	35	35	35
State of weather: Nature of precipitation and time of beginning and ending								mod.		showers		
Amounts of precipitation												
Cloudiness and other conditions	←			Clear			→	Pt. Cldy.	←	Cloudy		→
Sunset: Time, Character,									5:35 Clear			
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	0.7	0						
Wind direction	SW	SW	SW	SW	S	SW	SW	SW	SW	SW	SW	SW
Wind movement	13	13	11	8	5	6	5	8	5	10	7	2

Excessive precipitation, accumulated amounts

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
45	21	33	34

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 3.2 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear 1. Moon phase, 1

Actual sunshine, hours, 10.5

Possible sunshine, hours, 10.5

Percentage of possible sunshine, 100

Prevailing direction, SW.

Total movement, 237

Average hourly velocity, 9.6

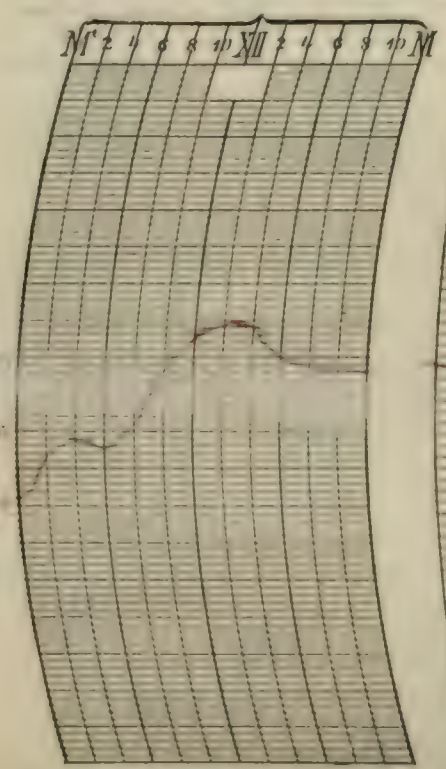
Maximum velocity,	Direction,	Time.
19	SW	11:30 a

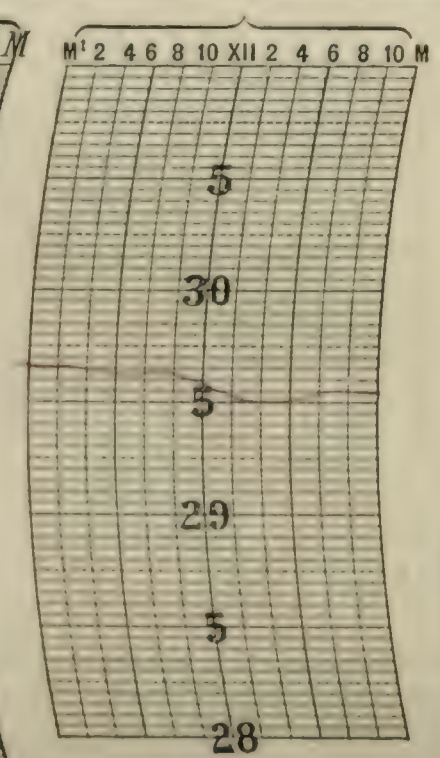
Relative humidity, 70 a. m. ..... p. m.

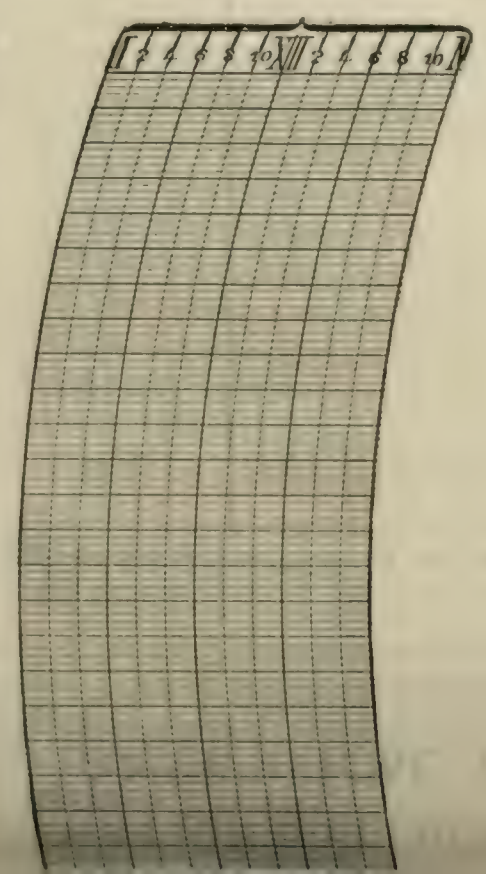
Reduced barometer, 30.29 a. m. ..... p. m.

River gage, 8.0 a.m.

NOTES.







Prepared by
Verified by

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LASALLE, ILL., (Day of week) Sunday, (Date) FEB. 5 1911, 191

Time (local standard), 75 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	38	38	38	38	37	37	37	37	37	37	37	37
							R.B.					
							6:36					
State of weather: Nature of precipitation and time of beginning and ending								—	—	—	—	—
Amounts of precipitation							T	T	T	T	T	T
Cloudiness and other conditions	←				Cloudy							→
Sunrise: Time, 6:54 Character, Cloudy												
Sunshine (in tenths of hours)							0	0	0	0	0	0
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	S	S	S	S
Wind movement	10	8	9	6	4	5	6	6	7	7	9	9

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	37	37	37	37	37	36	36	36	36	36	36	35
										R.E.		
										10:16		
State of weather: Nature of precipitation and time of beginning and ending	—	—	—	—	—	—	—	—	—	—		
Amounts of precipitation	T	T	T	T	T	T	T	T	T	T		
Cloudiness and other conditions	←				Cloudy							→
Sunset: Time, 5:27 Character, Cloudy												
Sunshine (in tenths of hours)	0	0	0	0	0	0						
Wind direction	S	S	S	S	S	S	S	S	S	S	S	S
Wind movement	9	6	6	8	7	9	8	6	5	3	2	2

Maximum velocities (exceeding 25 miles)

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
38	35	36	24

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 1.8 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., T ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Cloudy 10 Moon phase, ✓

Actual sunshine, hours, 0

Possible sunshine, hours, 10.6

Percentage of possible sunshine, 0

Prevailing direction S

Total movement, 159

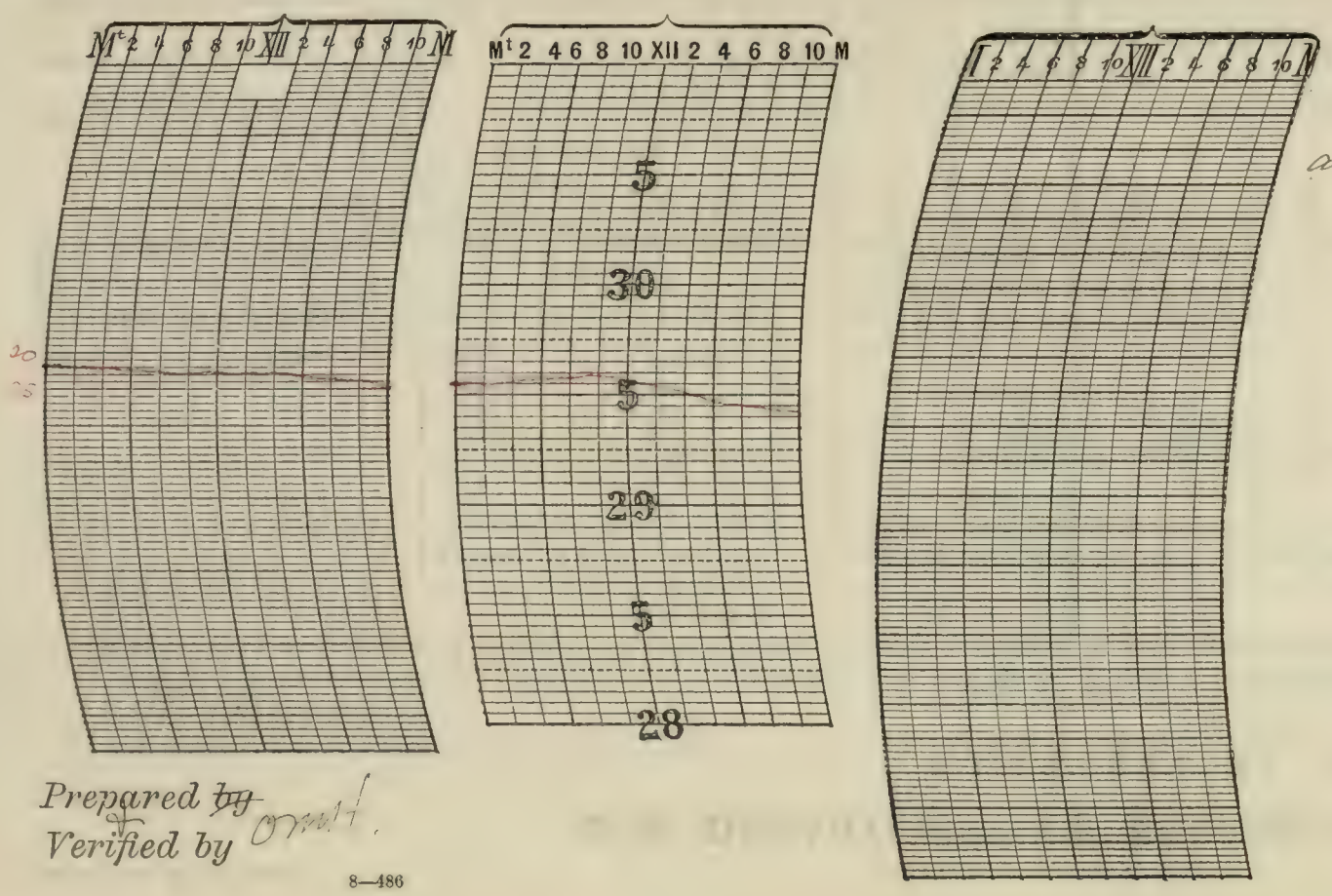
Average hourly velocity, 6.6

Maximum velocity,	Direction,	Time.
11	SW	1.00 a

Relative humidity, 90 a. m. ____ p. m.

Reduced barometer, 30.16 a. m. ____ p. m.

River gage, frozen



NOTES.

A very light mist continued thru out the day and evening.

Prepared by
Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

LA SALLE, ILL. FEB. 3 1911

(Station) _____, (Day of week) Friday, (Date) _____, 191

Time (local standard), 90 mer.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	36	36	36	37	37	37	37	38	39	40	40	41	41	41	42 RB	42	43	43	42	42	43	43	44	44
State of weather: Nature of precipitation and time of beginning and ending															2.42	–	–	–	–	–	–	–	–	–
State of weather: Amounts of precipitation															T	T	T	T	.01	T	T	T	T	.04
State of weather: Cloudiness and other conditions					Cloudy							→	←				Cloudy							→
Sunrise: Time, Character,	6.53 Cloudy																				Sunset: Time, Character, 5.28 Cloudy			
Sunshine (in tenths of hours)							0	0	0	0	0	0	0	0	0	0	0	0						
Wind direction	SE	SE	SE	SE	S	S	S	S	S	SW	SW	SW	S	S	S	S	SE	SE	E	E	E	E	E	E
Wind movement	4	6	5	6	6	7	6	6	7	10	7	7	5	5	5	3	4	4	6	8	9	10	10	8
Maximum velocities (exceeding 25 miles)																								

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

_____ hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal
46	35	40	24

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0.8 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., T ins.; to 7 p. m., .01 ins.

Total precipitation, midnight to midnight, .04 inches.

Character of day, Cloudy Moon phase

Actual sunshine, hours, 0

Possible sunshine, hours, 10.6

Percentage of possible sunshine, 0

Prevailing direction, S

Total movement, 150

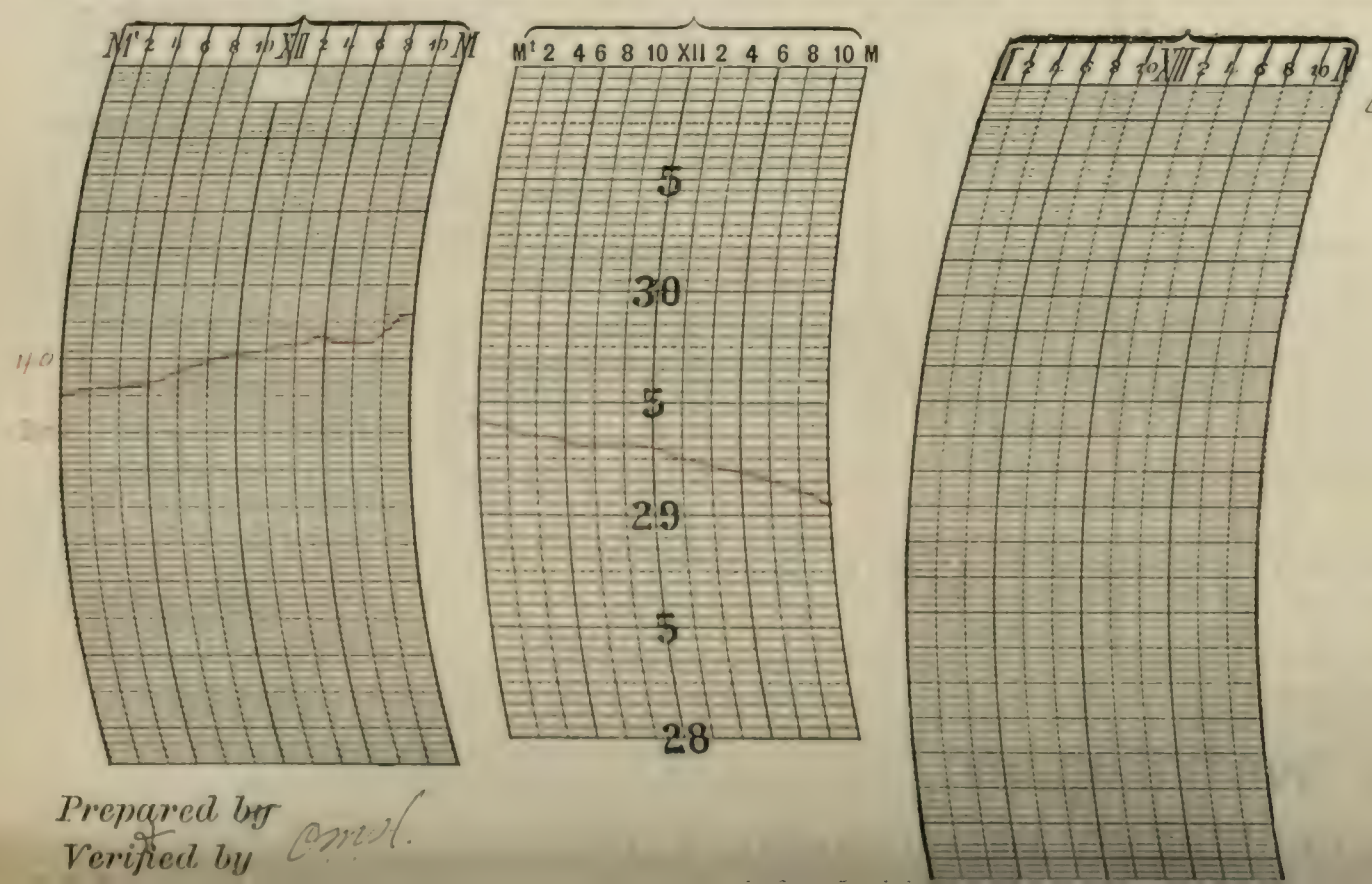
Average hourly velocity,

Maximum velocity,	Direction,	Time.
12	E	10.05

Relative humidity, 94 a. m. _____ p. m.

Reduced barometer, 29.89 a. m. _____ p. m.

River gage.



NOTES.

A light fog began 5.20 p., and ended 10 p.

Prepared by

Verified by Omel.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

LA SALLE, ILL. FEB 1 1912

(Station) LA SALLE, ILL., (Day of week) Thurs., (Date) FEB 1 1912, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	46	46	49	48	48	48	48	50	50	49	43	42	43	44	x 45	x 44	x 43	42	41	40	40	39	39	38
State of weather. Nature of precipitation and time of beginning and ending	—	—	—	— RE about 3.30 a																				
Amounts of precipitation	.06	.07	.01	.01																				
Cloudiness and other conditions	←			Cloudy	Intermittent moonlight.			Pt Cldy	→	←	Cloudy							moon obscured						→
Sunrise: Time, Character,	6.52 Cloudy																				Sunset: Time, Character, 5.29 Cloudy			
Sunshine (in tenths of hours)							0	0.1	0.4	0	0	0	0	ϕ 0.1	0	0	0	0						
Wind direction	SE	E	SE	SE	S	SW	SW	SW	SW	SW	W	W	W	W	W	W	W	W	W	W	W	W	W	W
Wind movement	9	10	9	10	5	7	9	11	13	20	23	19	15	16	14	13	12	11	10	10	8	8	9	[illegible]
Maximum velocities (exceeding 25 miles)											30													

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

ϕ Partly by eye obs. x Interpolated.

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
50	38	44	24

Total depth of snow for 24 hours ending 5 p. m., 0 inches.

Snow on ground 7 p. m., 0.2 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .19 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, .15 inches.

Character of day, Cloudy 10 Moon phase, ✓

Actual sunshine, hours, 0.6

Possible sunshine, hours, 10.6

Percentage of possible sunshine, 6

Prevailing direction W

Total movement, 276

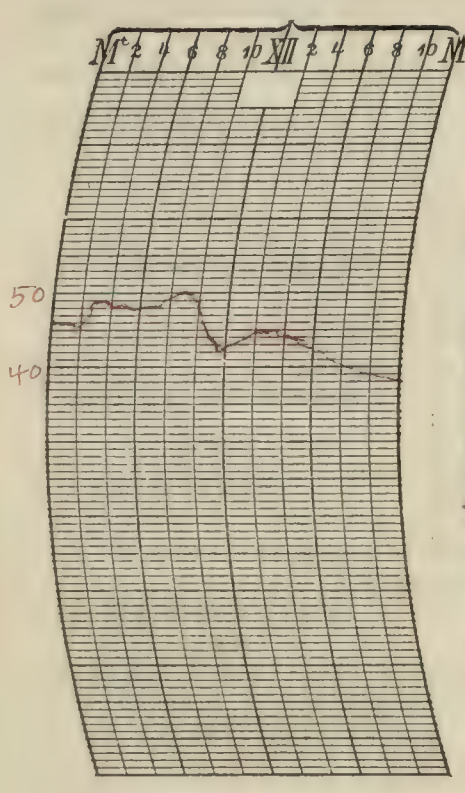
Average hourly velocity, 11.5

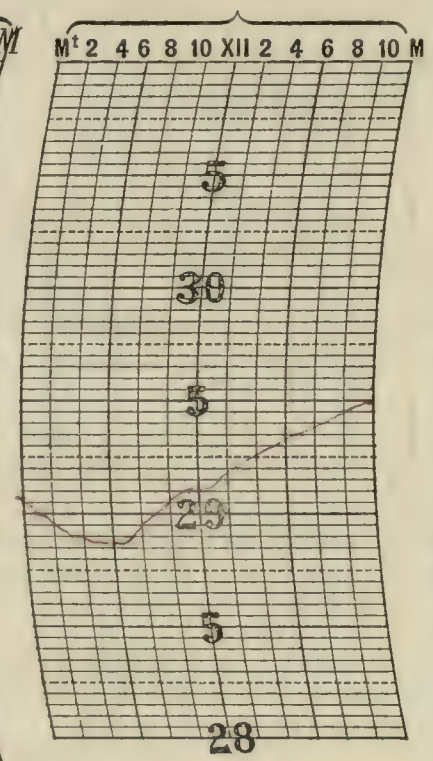
Maximum velocity,	Direction,	Time.
30	W	10:47 a.

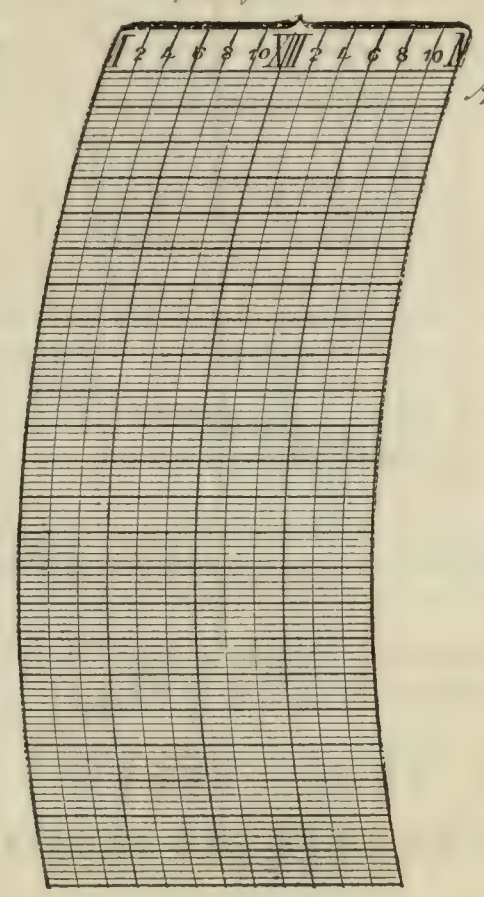
Relative humidity, 90 a. m. ____ p. m.

Reduced barometer, 29.43 a. m. ____ p. m.

River gage, 16.6 rising







NOTES.

High winds; maximum velocity 30 miles per hour.

Prepared by
Verified by Cmst.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

LA SALLE, ILL. FEB 5 - 1911

(Station) ....., (Day of week) Wed, (Date) ....., 191

Time (local standard), 7th mer.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	38	38	37	37	37	37	36	36	36	36	36	37	37	38	39	40	40	40	39	38	37	36	35	35
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions	2	moon obscured			Cloudy							→	2				Cloudy			&	moon visible	Clear		
Sunrise: Time, Character	6:50 Cloudy																				Sunset: Time, Character	5:30 Cloudy		
Sunshine (in tenths of hours)							0	0	0	0	0	0	0	0	0	0	0	0						
Wind direction	NW	N	N	N	E	NE	E	E	SE	E	E	SE	SE	SE	SE	SE	E	E	E	E	E	E	NE	NE
Wind movement	4	4	2	2	2	3	3	5	7	8	9	9	9	8	9	11	11	12	12	7	10	9	8	9
Maximum velocities (exceeding 25 miles)																								

Excessive precipitation, accumulated amounts	Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

..... hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
40	35	38	35

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Cloudy 9 Moon phase, ✓

Actual sunshine, hours, 0

Possible sunshine, hours, 9.7

Percentage of possible sunshine, 0

Prevailing direction, E

Total movement, 173

Average hourly velocity, 7.3

Maximum velocity,	Direction,	Time.
14	E	2 PM

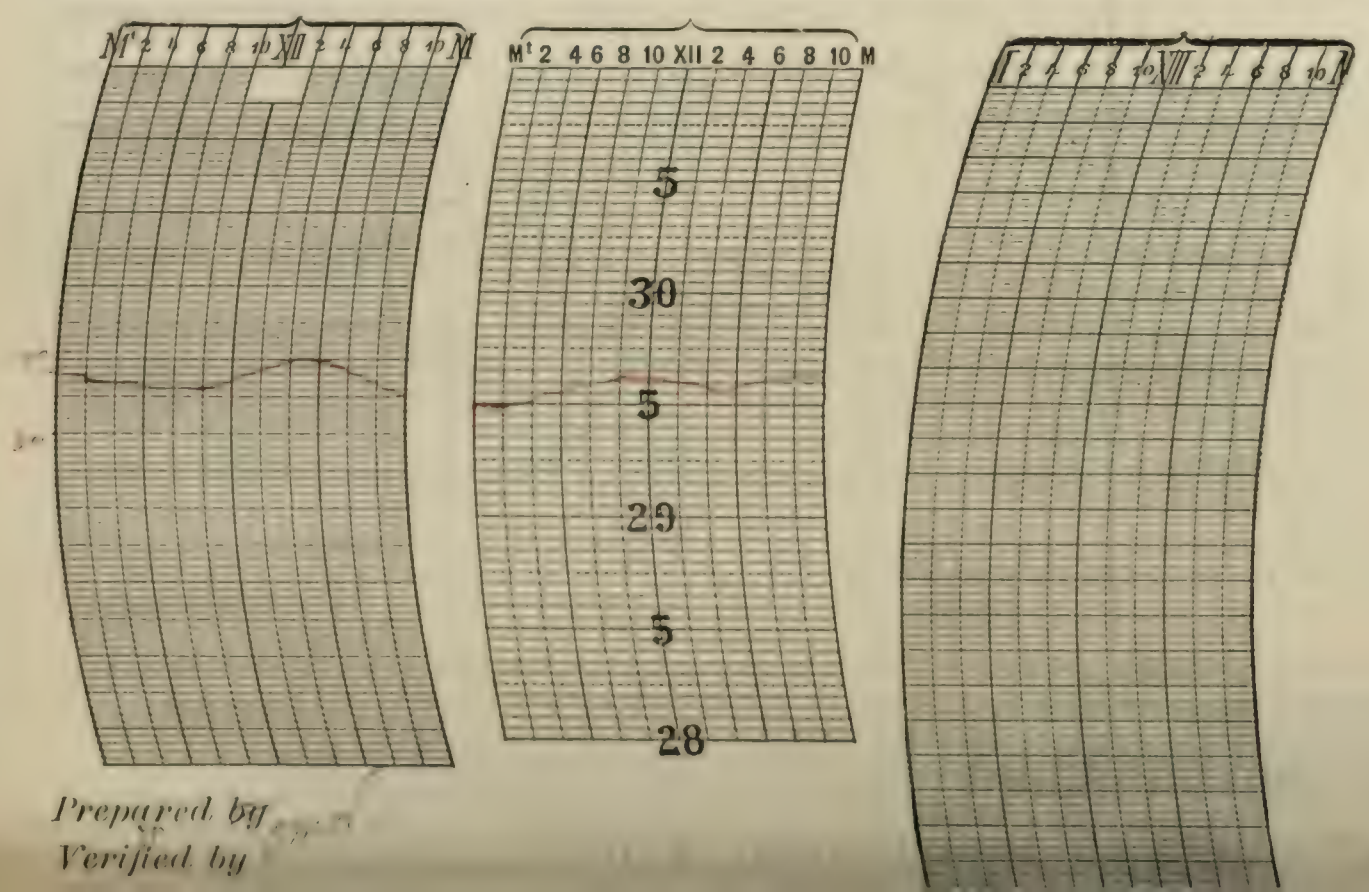
Relative humidity, 87 a. m. ..... p. m.

Reduced barometer, 30.11 a. m. ..... p. m.

River gage, 19.5 rising

rapidly after 7 P.

NOTES.



Prepared by

Verified by

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) _____, (Day of week) Friday, (Date) 16 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	35	34	34	34	34	35	36	36	36	37	38	39	40	41	43	45	47	47	49	52	53	54	56	57
State of weather: Nature of precipitation and time of beginning and ending											RB. 10 20	--	-	-	-	RE 3:10	✓							RS. about 11 p.
Amounts of precipitation											T	T	T	.01	.01	T								.06
Cloudiness and other conditions		fair moon light			Cloudy												Cloudy							
Sunrise: Time, 6:49; Character, Cloudy																					Sunset: Time, 5:31; Character, Cloudy			
Sunshine (in tenths of hours)							0	0	0	0	0	0	0	0	0	0	0	0						
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	E	E	NE	NE	NE	NE	E	S	S	S	SW
Wind movement	8	7	8	9	9	10	10	11	12	10	10	9	8	7	6	3	4	3	3	3	4	7	11	9
Maximum velocities (exceeding 45 miles)																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
57	34	46	25

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0.8 ins.

Total precipitation, midnight to midnight, 0.8 inches.

Character of day, Cloudy 10 Moon phase, ✓

Actual sunshine, hours, 0

Possible sunshine, hours, 0.7

Percentage of possible sunshine, 0

Prevailing direction NE

Total movement, 181

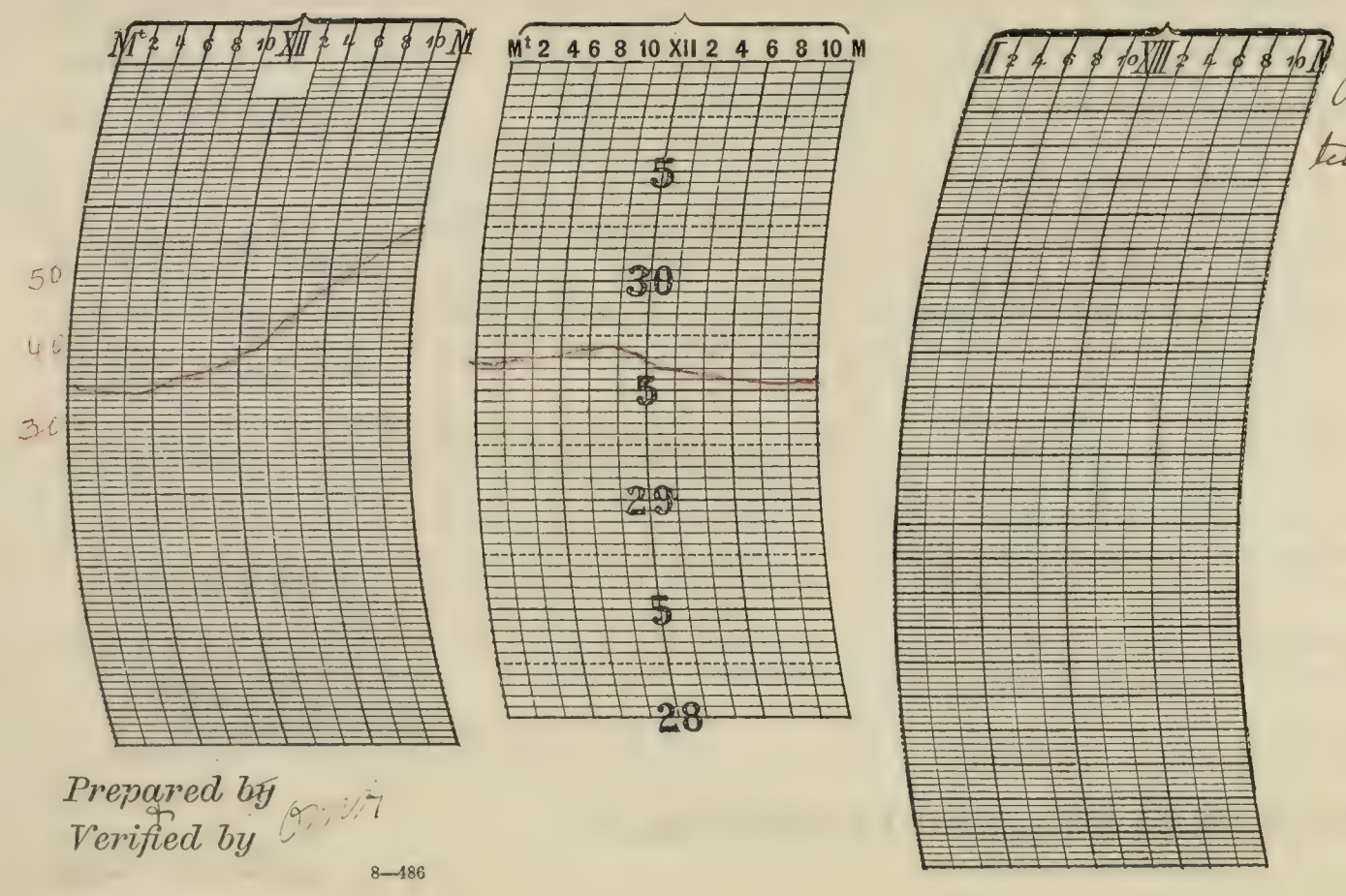
Average hourly velocity, 7.5

Maximum velocity, 14 Direction, NE Time. 7:35 a

Relative humidity, 93 a. m. _____ p. m.

Reduced barometer, 30.24 a. m. _____ p. m.

River gage, 20.3 falling.



NOTES.

A dense fog began 8.00 p. and continued till 6.30 a. 17th.

Prepared by _____

Verified by _____

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

LA SALLE, ILL. FEB 1911

(Station) ....., (Day of week) ....., (Date) ....., 191

Time (local standard), ... mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	59	55	53	55	57	55	50	44	44	43	41	41
State of weather: Nature of precipitation and time of beginning and ending	RE Ma							RB. 7.22				
Amounts of precipitation	T.							T	.03	.03	.01	.02
Cloudiness and other conditions	moon obscured,			Cloudy								
Sunrise: Time, 6.48; Character, Cloudy												
Sunshine (in tenths of hours)							0	0	0	0	0	0
Wind direction	SW	W	SW	SW	SW	W	W	NW	NW	NW	N	N
Wind movement	2	3	4	8	7	9	9	11	6	5	6	5

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	40	39	39	39	39	38	35	36	36	36	35	34
State of weather: Nature of precipitation and time of beginning and ending	—	—	—	—	—	—	—	—	—	—	—	—
Amounts of precipitation	T	.01	.01	.01	.01	.01	.04	.04	.06	.07	.06	.01
Cloudiness and other conditions					Cloudy							
Sunset: Time, 5.53; Character, Cloudy												
Sunshine (in tenths of hours)	0	0	0	0	0	0						
Wind direction	N	N	N	N	N	N	N	N	N	N	N	N
Wind movement	6	7	9	7	6	7	5	9	8	6	7	8

Excessive precipitation, accumulated amounts

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

..... hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
59	34	[illegible]	25

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .06 ins.; to 7 p. m., .28 ins.

Total precipitation, midnight to midnight, .27 inches.

Character of day, Cloudy. Moon phase, –

Actual sunshine, hours, 0

Possible sunshine, hours, 0

Percentage of possible sunshine, 0

Prevailing direction, N

Total movement, 166

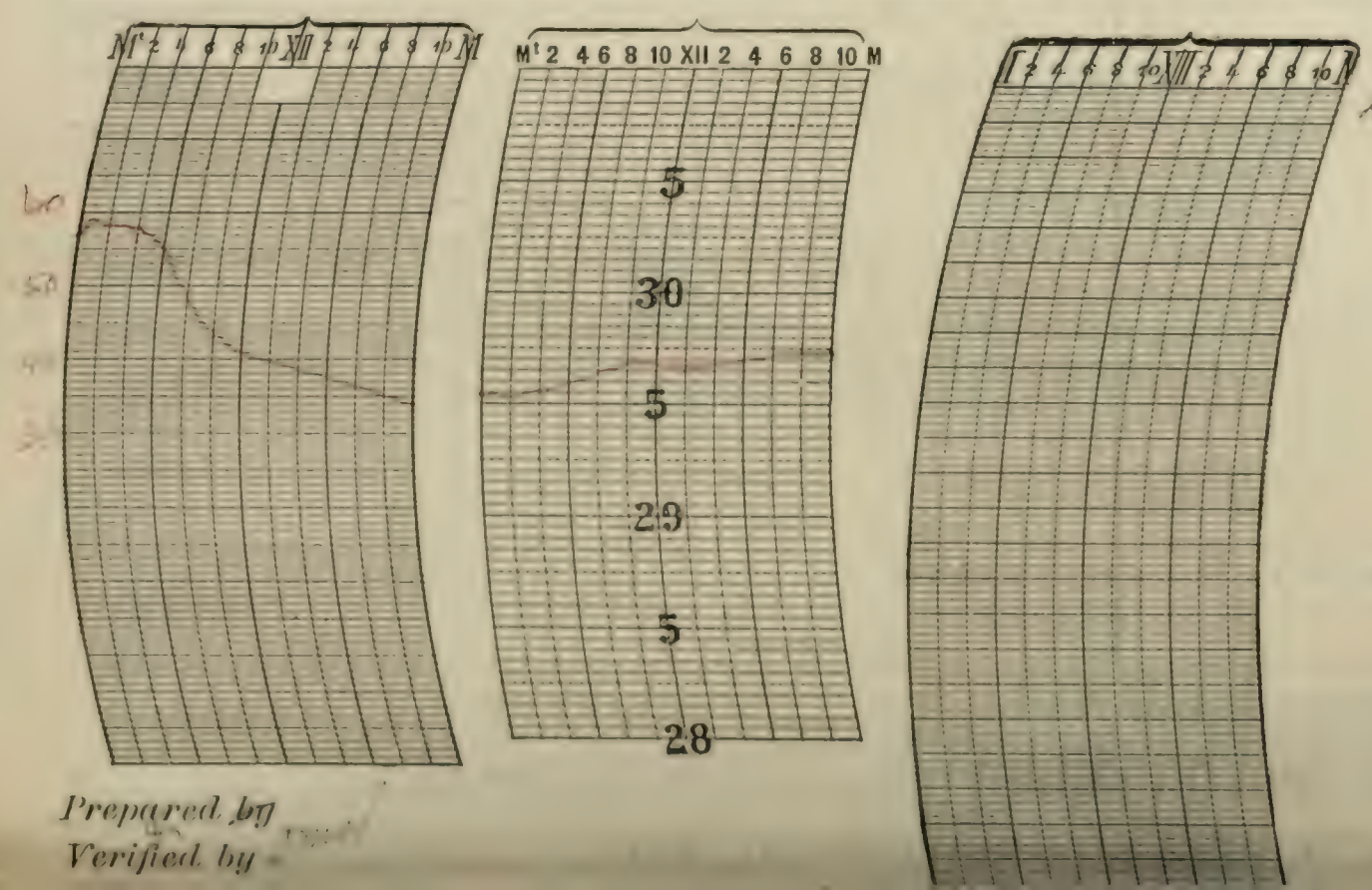
Average hourly velocity, 6.9

Maximum velocity.	Direction.	Time.
14	NW	2 p.m.

Relative humidity, 93 a. m. ..... p. m.

Reduced barometer, 30.18 a. m. ..... p. m.

River gage, 19.4 ft.



NOTES.

Dense fog begening evening of 16th, ended 6 a.m.

Prepared by

Verified by

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

LASALLE ILL. (Station) ....., (Day of week) Sat., (Date) FEB 18, 1911, 191

Time (local standard), 2.1 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	34	33	33	34	34	34	34	34	33	33	34	35	36	36	36	35	34	34	33	32	31	31	31	30
State of weather: Nature of precipitation and time of beginning and ending	RE Sna Sno Sna			RE Sna																				
State of weather: Amounts of precipitation	02	.01	.01	.01																				
State of weather: Cloudiness and other conditions	moon observed																							
	←			Cloudy								→	←		Cloudy					→	Pt Cldy	←	Clear	→
Sunrise: Time, 7.40 Character, Cloudy																								
Sunset: Time, 5.32 Character, Cloudy																								
Sunshine (in tenths of hours)							0	0	0	0	0	0	0	0	0.1	0	0	0						
Wind direction	NE	N	N	N	N	N	N	N	N	N	N	N	N	N	NW	NW	N	N	N	N	NE	NE	NE	N
Wind movement	5	3	2	5	6	7	6	9	7	5	5	6	7	9	8	8	7	7	6	6	6	6	5	5
Maximum velocities (exceeding 25 miles)																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
37	30	34	25

Total depth of snow for 24 hours ending 7 p. m., 0.2 inches.

Snow on ground 7 p. m., 0 inches. 10.5

Total snowfall, midnight to midnight, 0.2 inches.

Precipitation to 7 a. m., .29 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, .05 inches.

Character of day, Cloudy 9 Moon phase, ...

Actual sunshine, hours, 0.1

Possible sunshine, hours, 10.8

Percentage of possible sunshine, 1

Prevailing direction N

Total movement, 146

Average hourly velocity, 6.1

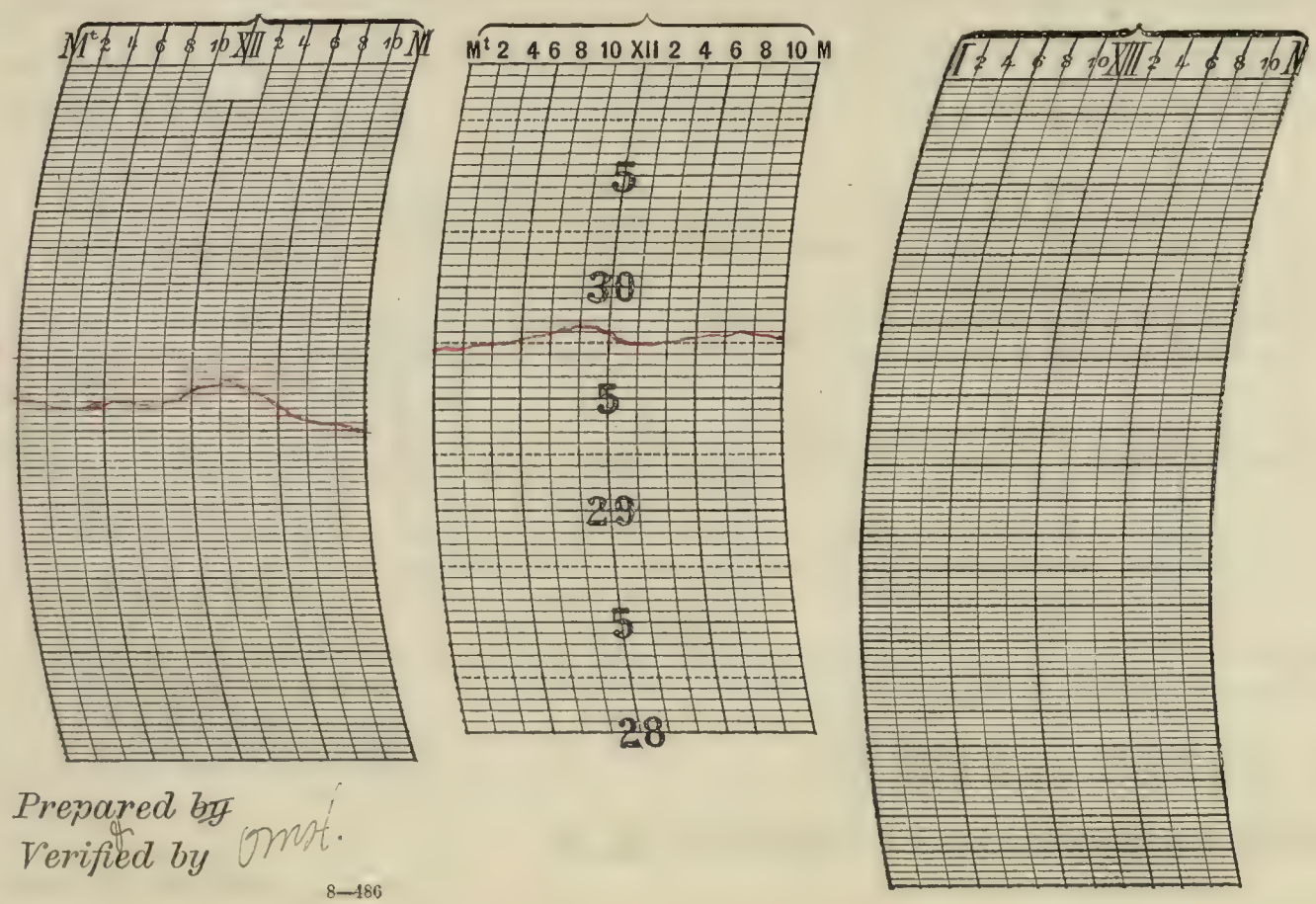
Maximum velocity,	Direction,	Time.
11	N	1:40 p.

Relative humidity, 78 a. m. ..... p. m.

Reduced barometer, 30.37 a. m. ..... p. m.

River gage, 19.5 rising.

NOTES.



Prepared by .....

Verified by Omt.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Sunday, (Date) FEB 19 1911, 191

Time (local standard), CW mer.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	30	30	30	30	30	29	29	29	29	28	28	28	27	27	26	26	24	24	23	22	22	22	22	22
										Sd B.														
State of weather: Nature of precipitation and time of beginning and ending										9.20	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Amounts of precipitation																.01						.10		
Cloudiness and other conditions		no moon			Cloudy												Cloudy							
	Sunrise: Time, 6:45; Character, Cloudy																				Sunset: Time, 5:35; Character, Cloudy			
Sunshine (in tenths of hours)							0	0	0	0	0.1 *	0.3 *	0	0	0	0	0	0						
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	N	N	N	N
Wind movement	8	12	13	13	14	8	5	16	16	18	17	18	16	17	16	16	17	15	15	13	13	13	14	12
Maximum velocities (exceeding ---- miles)																								

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

* Dense sunshine thru thin clouds.

---- 1 ---- hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
30	22	26	26

Total depth of snow for 24 hours ending 7 p. m., 0.1 inches.

Snow on ground 7 p. m., 0.1 inches.

Total snowfall, midnight to midnight, .1 inches.

Precipitation to 7 a. m., 0 inches; to 7 p. m., .01 inches.

Total precipitation, midnight to midnight, .11 inches.

Character of day, Cloudy 10 Moon phase ----

Actual sunshine, hours, 0.4

Possible sunshine, hours, 10.

Percentage of possible sunshine, 4

Prevailing direction, NE

Total movement, 355

Average hourly velocity, 14.8

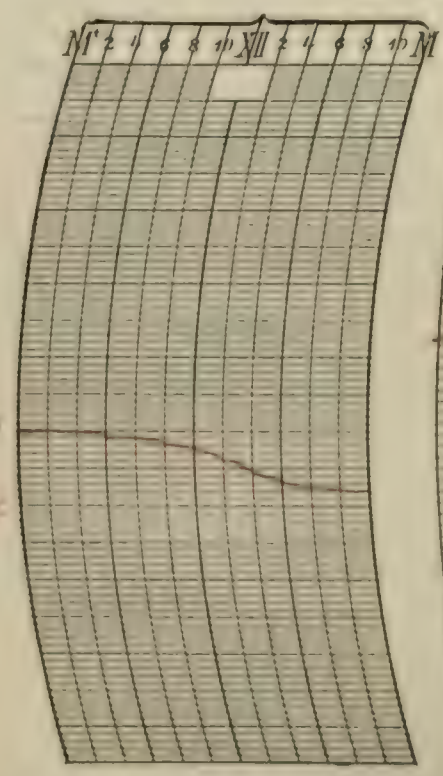
Maximum velocity,	Direction,	Time.
21	NE	10:40 a

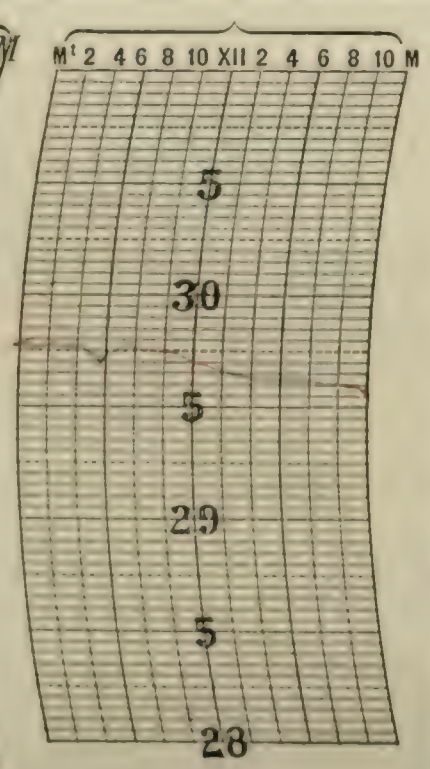
Relative humidity, 75 a. m. ---- p. m.

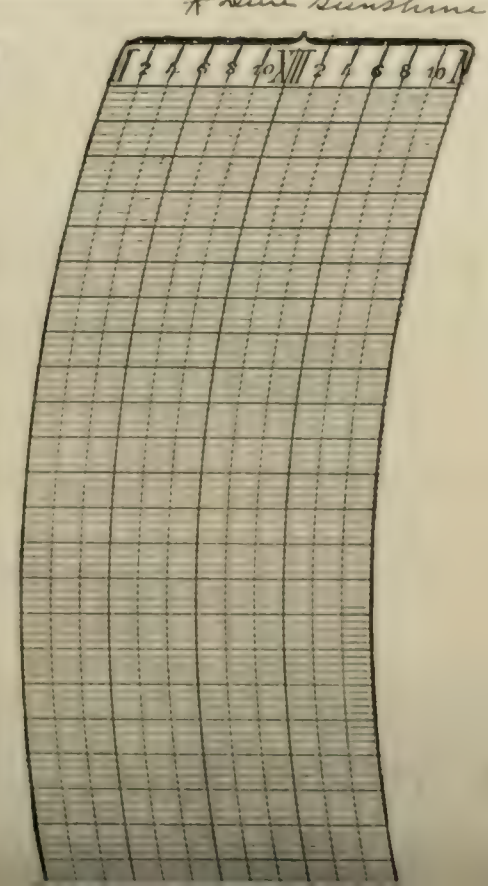
Reduced barometer, 30.28 a. m. ---- p. m.

River gage, 19.8 ice stand

NOTES. * Estimate







Prepared by

Verified by

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

LA SALLE, ILL.

DAILY LOCAL RECORD.

FEB 20 1914

(Station) _____, (Day of week) Mond., (Date) _____, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	22	22	23	23	23	22	22	20	21	22	23	25
State of weather: Nature of precipitation and time of beginning and ending	Sd E. Hon.					Sd B. Hon.	--	Sd E 7/8				
Amounts of precipitation	T					T	T	T				
Cloudiness and other conditions	← moon obscured				Cloudy →			PC →	← Clear			
Sunrise: Time, Character	6:44 Cloudy											
Sunshine (in tenths of hours)							0	0.3	1.0	1.0	1.0	1.0
Wind direction	N	N	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW
Wind movement	13	15	12	12	12	12	12	10	9	13	11	14
Maximum velocities (exceeding 25 miles)												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	26	25	24	25	27	27	26	24	24	23	22	21
State of weather: Nature of precipitation and time of beginning and ending									Sd B. 8:00	Sd E. Hon.		
Amounts of precipitation									T	T		
Cloudiness and other conditions					PC →		←		Cloudy →			
Sunset: Time, Character									5:36 Cloudy			
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	0	0						
Wind direction	NW	NW	NW	NW	NW	N	N	NE	N	N	N	N
Wind movement	15	15	12	12	10	9	10	10	10	9	9	10
Maximum velocities (exceeding 25 miles)												

Maximum.	Minimum.	Mean.	Normal.
29	20	24	26

Total depth of snow for 24 hours ending 7 p. m., 0.9 inches.

Snow on ground 7 p. m., 0.4 inches.

Total snowfall, midnight to midnight, *T inches.

Precipitation to 7 a. m., .10 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, *T inches. L.Q. 6

Character of day, Pt. Cldy 4. Moon phase, ☾ 9 [illegible] 6

Actual sunshine, hours, 8.3

Possible sunshine, hours, 10.9

Percentage of possible sunshine, 76

Prevailing direction NW

Total movement, 276

Average hourly velocity, 11.5

Maximum velocity,	Direction,	Time.
18	N	1:25 a

Relative humidity, 76 a. m. _____ p. m.

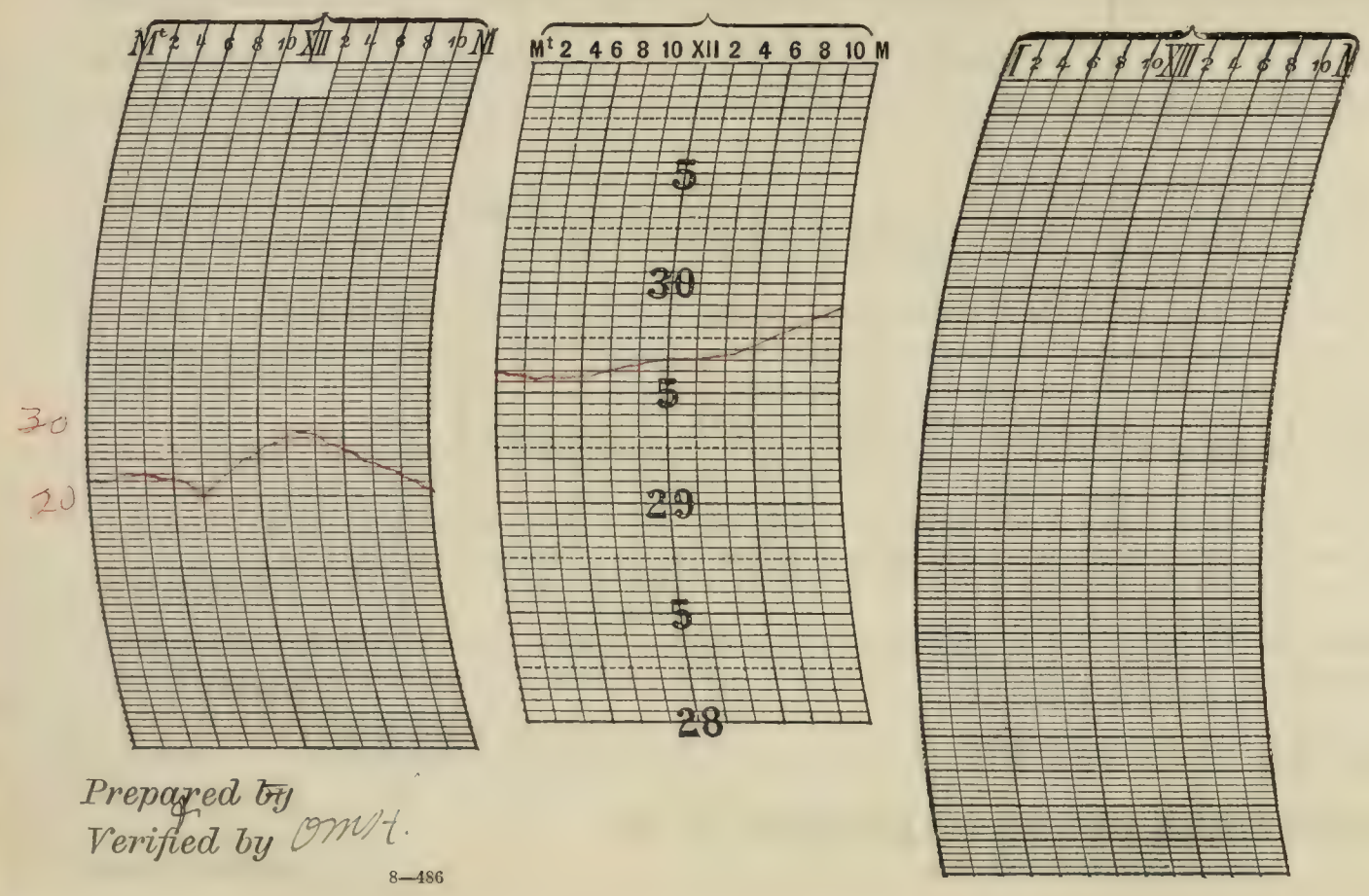
Reduced barometer, 30.19 a. m. _____ p. m.

River gage, 19.6 falling

Excessive precipitation, accumulated amounts

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

NOTES. *: Estimated.



Prepared by
Verified by OMH.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

LA SALLE, ILL.

DAILY LOCAL RECORD.

(Station) _____, (Day of week) Tues, (Date) FEB 21 1911, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	19	16	14	12	12	11	11	12	13	15	17	18	20	23	24	27	27	27	28	28	28	27	27	26
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions		moon visible																						
	←				Clear							→	×		Clear			→	Pt Cldy	→	←	Clear		→
Sunrise: Time, 6:42 Character, Clear																					Sunset: Time, 5:37 Character, Cloudy			
Sunshine (in tenths of hours)							30 0	05 05	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	04	0						
Wind direction	N	NE	NE	NE	N	N	NW	NW	NW	NW	NW	NW	W	W	W	W	W	W	W	W	W	W	W	W
Wind movement	14	13	11	10	9	9	8	9	12	11	11	11	14	15	14	16	16	15	17	19	17	16	16	13
Maximum velocities (exceeding 25 miles)																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

_____ hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
28	11	20	

Total depth of snow for 24 hours ending 7 p. m., T inches.

Snow on ground 7 p. m., 0.2 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear 2 Moon phase, _____

Actual sunshine, hours, 7.4

Possible sunshine, hours, 12.

Percentage of possible sunshine, 59

Prevailing direction, W

Total movement, 316

Average hourly velocity, 13.2

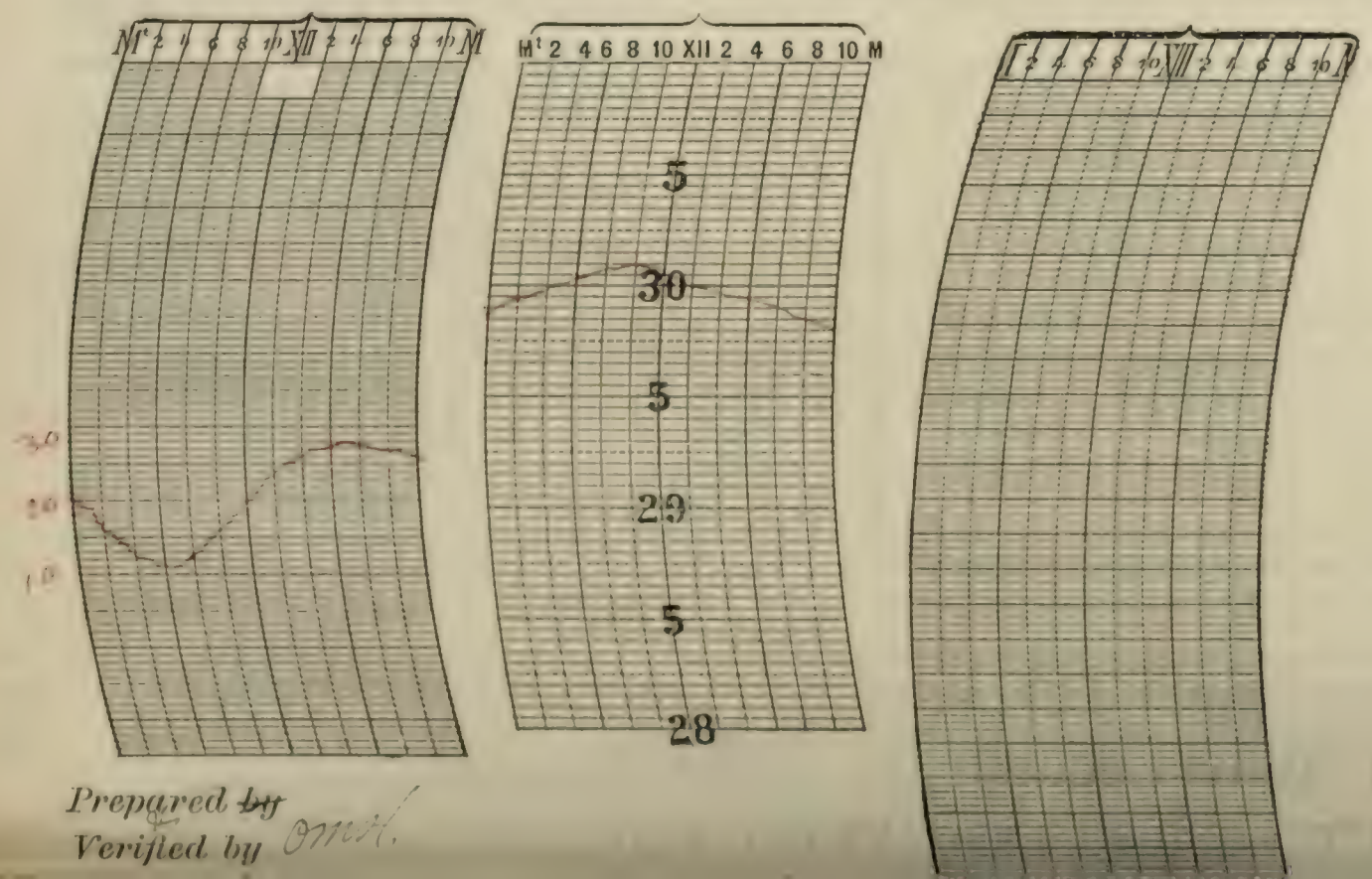
Maximum velocity,	Direction,	Time.
22	W	7.40 p

Relative humidity, 75 a. m. _____ p. m.

Reduced barometer, 30.65 a. m. _____ p. m.

River gage, 19.3

NOTES.



Prepared by

Verified by Omd.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Wed, (Date) FEB 23 1911, 191

Time (local standard), 90 mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	26	25	25	24	23	22	21	22	24	27	28	30	32	34	36	36	35	33	31	30	29	28	27	26
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions	moon visible				Clear								Clear											
Sunrise: Time, Character	6:41 Clear																				Sunset: Time, Character	5:39 Clear		
Sunshine (in tenths of hours)							32 0	0.3 0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	40 0.2						
Wind direction	W	W	W	W	W	W	W	W	NW	NW	NW	W	W	NW	NW	NW	N	N	N	N	N	N	NW	W
Wind movement	13	11	13	10	10	12	13	12	15	15	14	16	17	16	15	13	11	8	4	3	2	1	3	4
Maximum velocities (exceeding 22 miles)																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
37	21	29	27

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0.1 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear. Moon phase, ✓

Actual sunshine, hours, 11.0

Possible sunshine, hours, 11.0

Percentage of possible sunshine, 100

Prevailing direction, W

Total movement, 250

Average hourly velocity, 10.4

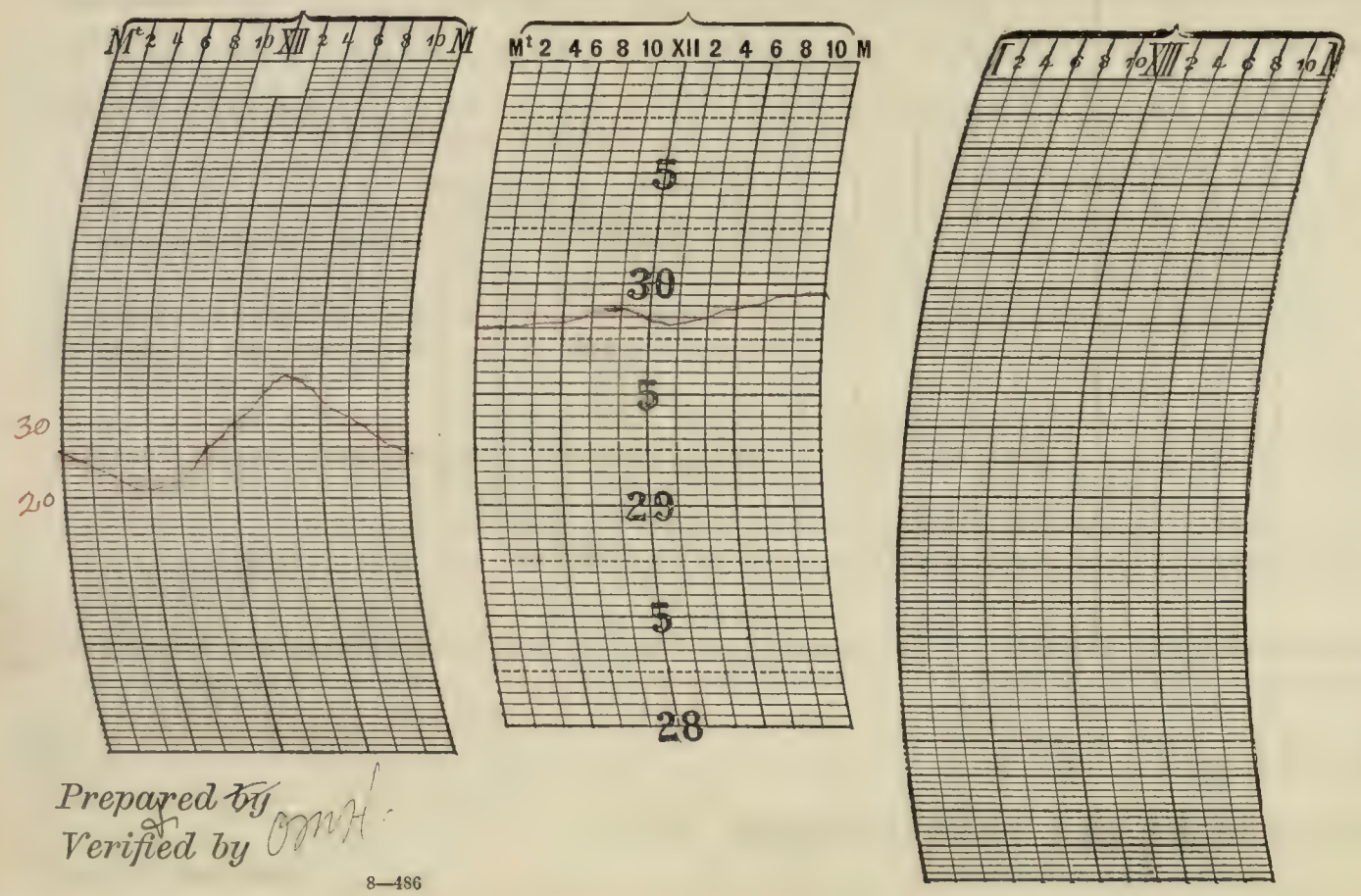
Maximum velocity,	Direction,	Time.
19	NW	9:15 a

Relative humidity, 91 a. m. ____ p. m.

Reduced barometer, 30.45 a. m. ____ p. m.

River gage, 18.9 falling

NOTES.



Prepared by
Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Thurs., (Date) FEB 23 1911, 191

Time (local standard), 75 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	27	26	25	25	24	23	23	23	27	32	34	38	39	40	42	41	40	37	36	33	32	32	31	31
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions	moon visible																							
	← Clear												← Clear											
	Sunrise: Time, 6:37; Character, Clear																				Sunset: Time, 5:40; Character, Clear			
Sunshine (in tenths of hours)							35 0	8 04	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.0	.0						
Wind direction	W	NW	NW	NW	NW	NW	NW	NW	W	W	SW	W	W	W	W	W	W	W	W	W	W	W	W	W
Wind movement	4	6	4	3	6	3	3	3	4	6	10	9	12	14	12	15	13	11	10	10	10	11	12	11
Maximum velocities (exceeding 22 miles)																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

_____ hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
42	22	32	27

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., T inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear. Moon phase, _____

Actual sunshine, hours, 11.0

Possible sunshine, hours, 11.5

Percentage of possible sunshine, 96

Prevailing direction, W

Total movement, 203

Average hourly velocity, 8.4

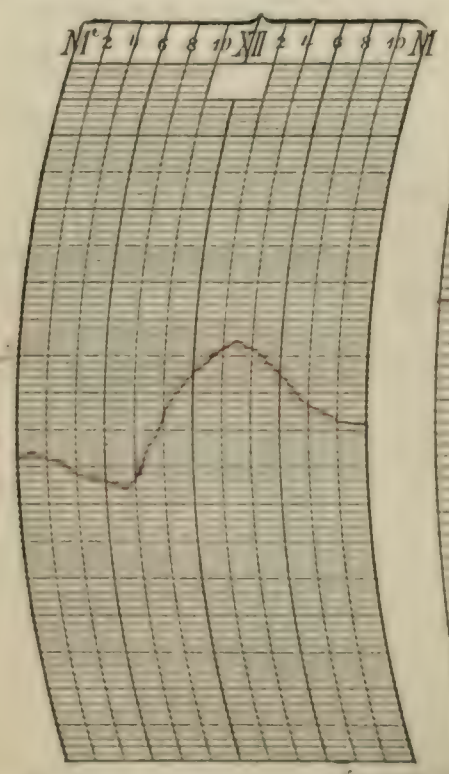
Maximum velocity,	Direction,	Time.
17	SW	3:00 p.m.

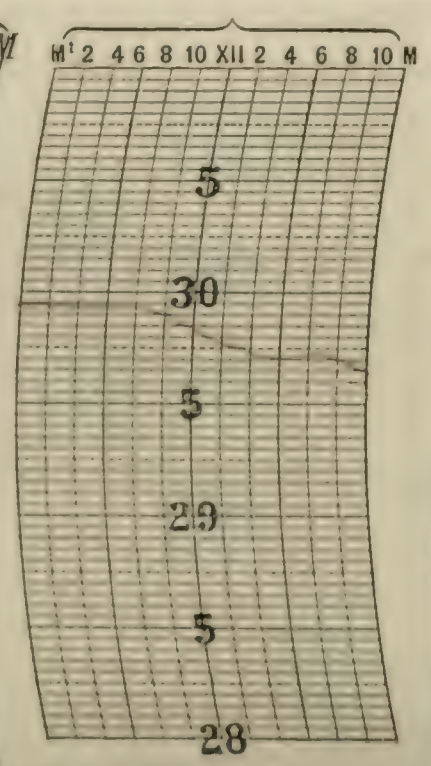
Relative humidity, 76 a. m. _____ p. m.

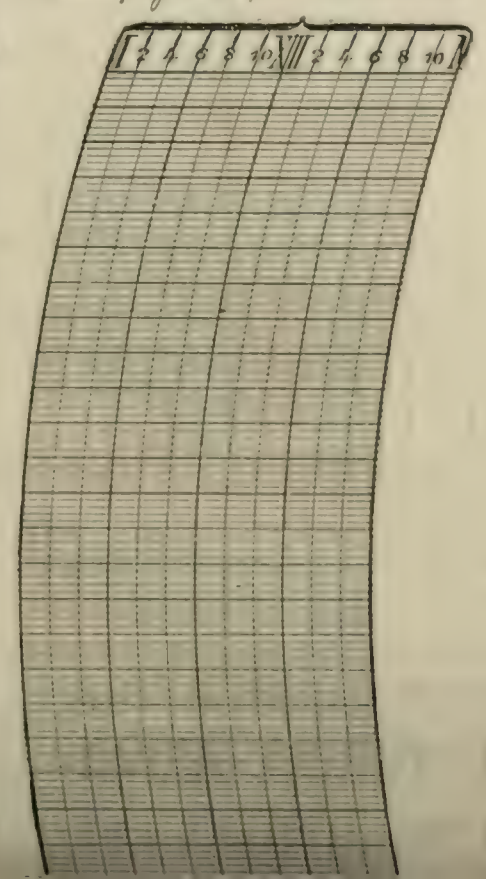
Reduced barometer, 30.54 a. m. _____ p. m.

River gage, 18.5 Falling

Pearly Eye obs.







NOTES.

Prepared by

Verified by

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Fri., (Date) FEB. 22 1911, 191

Time (local standard), 90 mer.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	31	31	31	30	30	30	29	30	33	36	38	41	43	45	47	48	47	43	42	39	38	38	36	36
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions		moon visible															Clear							
Sunrise: Time, Character,	6:38 Clear																				Sunset: Time, Character, 5:41 Clear			
Sunshine (in tenths of hours)							0	0.4	1.0	1.0	1.0	1.0	0	1.0	1.0	1.0	1.0	0						
Wind direction	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	SW	SW	SW	SW	SW
Wind movement	10	11	10	11	9	10	13	13	13	15	14	16	16	16	15	16	15	9	10	10	9	12	12	12
Maximum velocities (exceeding 25 miles)																								

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
48	24	38	28

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., T inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase, 0

Actual sunshine, hours, 11.0

Possible sunshine, hours, 11.0

Percentage of possible sunshine, 100

Prevailing direction W

Total movement, 297

Average hourly velocity, 12.4

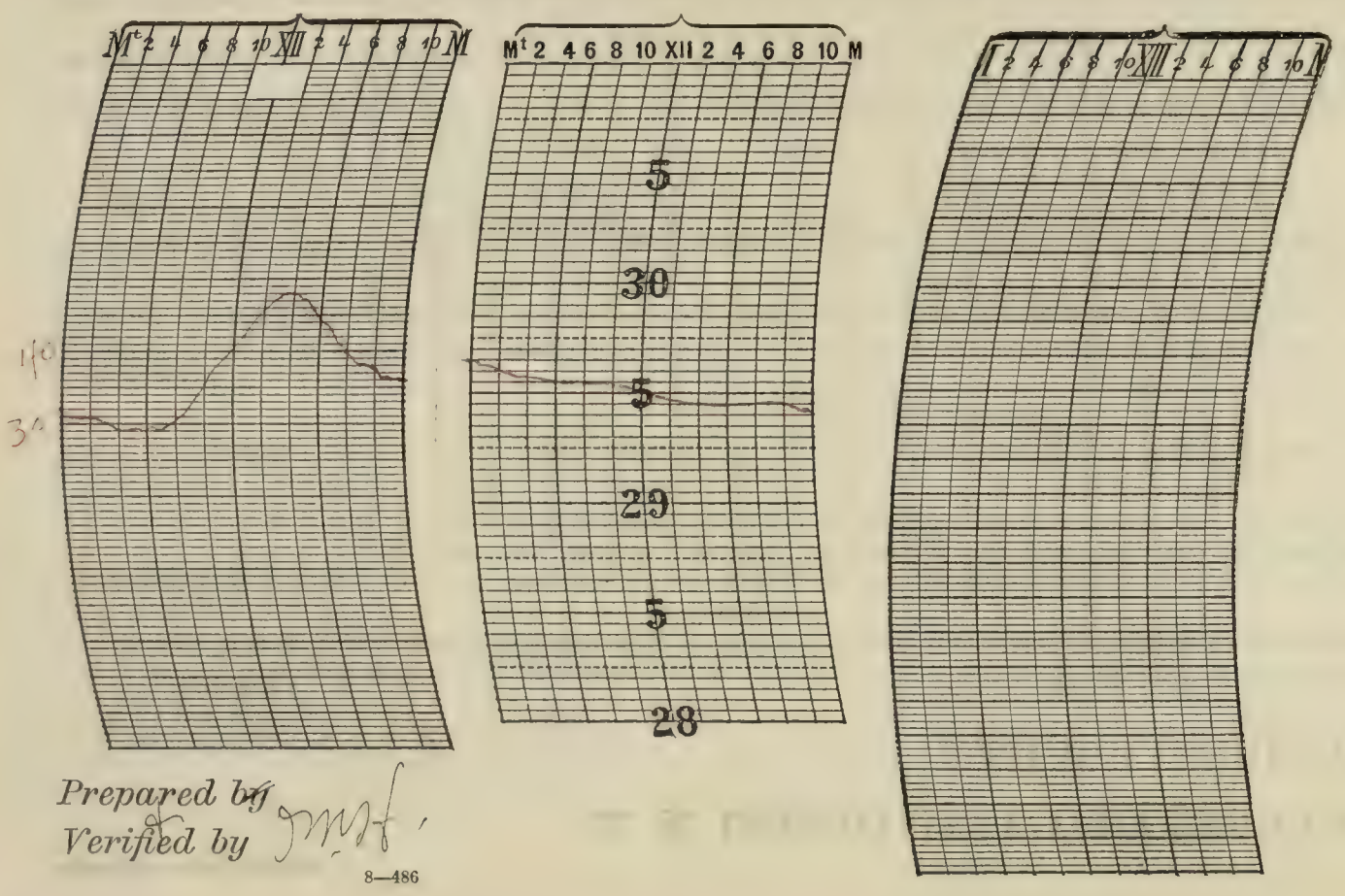
Maximum velocity,	Direction,	Time.
19	W	11:20 a.

Relative humidity, 78 a. m. ____ p. m.

Reduced barometer, 30.16 a. m. ____ p. m.

River gage, 18.3 falling

NOTES.



Prepared by

Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Sat., (Date) FEB 20-1911, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	31	33	37	31	31	31	30	31	35	38	43	44	46	47	46	46	45	45	44	42	41	35	34	33
State of weather: Nature of precipitation and time of beginning and ending																					RR			
Amounts of precipitation																					.25 T	.05	.02	T
Cloudiness and other conditions					Clear						Pt. Cldy						Cloudy							
Sunrise: Time, Character,	7:31 Clear																				Sunset: Time, Character, 5:42 Cloudy			
Sunshine (in tenths of hours)							0	0.8	0.9	1.0	1.0	1.0	1.0	0.7	0	0	0	0						
Wind direction	SW	SW	SW	SW	SW	SW	SW	S	S	S	S	S	S	S	S	S	S	S	S	S	S	SW	S	S
Wind movement	12	13	8	10	8	7	5	3	7	8	12	14	15	14	10	12	12	5	11	12	14	17	7	6
Maximum velocities (exceeding 25 miles)																					31			

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

/ hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
47	20	36.38	29.28

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, .10 inches.

Character of day, Pt. Cldy. Moon phase,

Actual sunshine, hours,

Possible sunshine, hours, 1.0

Percentage of possible sunshine,

Prevailing direction S

Total movement, 250

Average hourly velocity, 10.4

Maximum velocity,	Direction.	Time.
31	S.W.	8 P.M.

Relative humidity, 74 a. m. p. m.

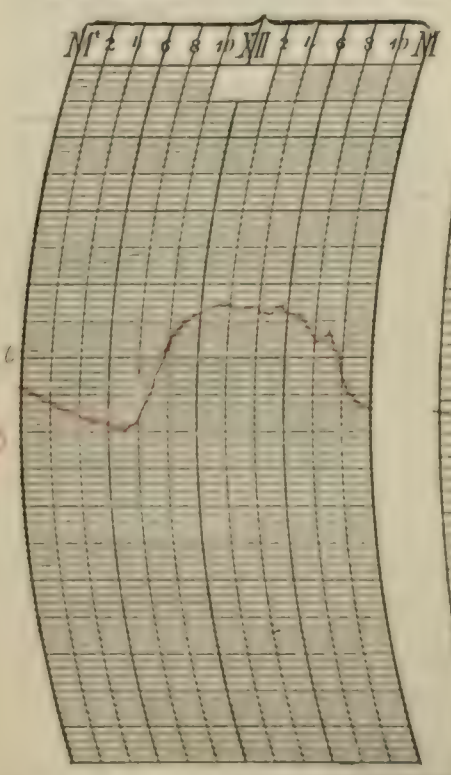
Reduced barometer, 29.99 a. m. p. m.

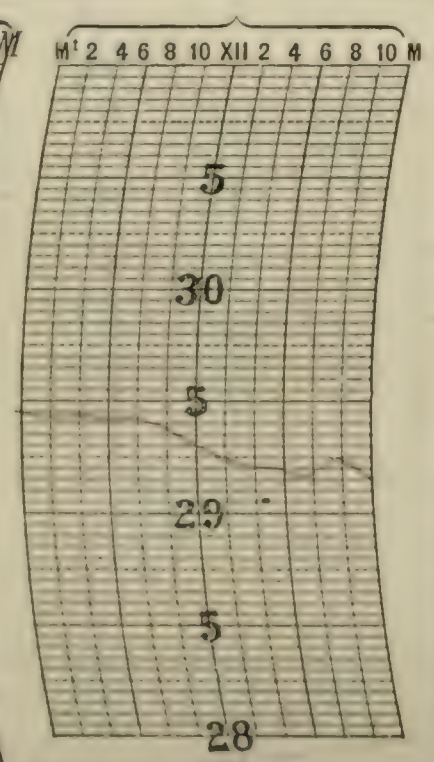
River gage, 15.1 falling

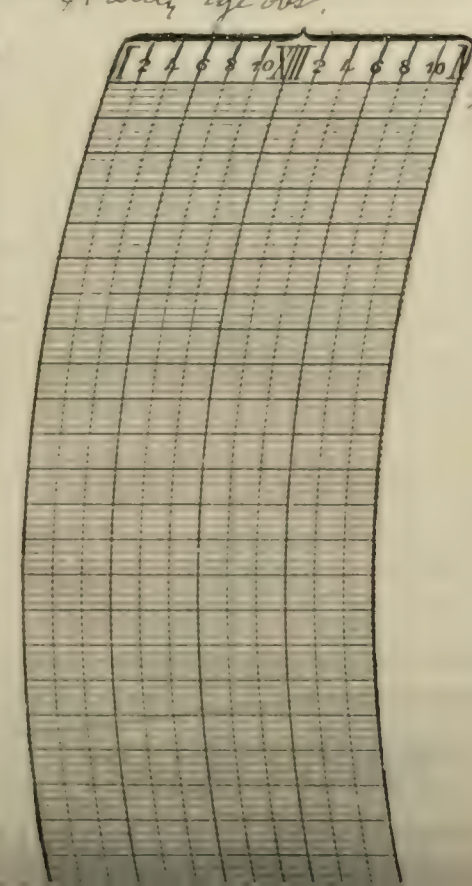
NOTES.

*Partly Eye obs.

Max. wind velocity 31, See Form







Prepared by

Verified by

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Sunrd, (Date) FEB 26 1911, 191

Time (local standard), 90 mer.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	34	36	36	37	38	37	36	36	37	36	37	38	38	39	41	43	41	38	36	35	33	32	31	30
State of weather: Nature of precipitation and time of beginning and ending	—	—	RE Sma.																					
Amounts of precipitation	.01	.01	.01																					
Cloudiness and other conditions	← Cloudy																← Pt. Cldy.					← Clear		
Sunrise: Time, 6:35 Character, Cloudy																					Sunset: Time, 5:45 Character, Cloudy			
Sunshine (in tenths of hours)							0	0	0	0	0	0	0	0	0.6	0	0.1	0						
Wind direction	S	SW	SW	SW	SW	W	SW	SW	SW	W	SW	W	W	W	W	W	W	W	W	W	NW	W	W	NW
Wind movement	9	13	12	14	14	13	12	14	14	14	13	13	13	10	11	14	14	14	17	13	12	7	9	9
Maximum velocities (exceeding 50 miles)																								

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
43	30	36	29

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .13 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, .13 inches.

Character of day, Cloudy 9. Moon phase, no moon.

Actual sunshine, hours, 0.7

Possible sunshine, hours, 11.1

Percentage of possible sunshine, 6

Prevailing direction W

Total movement, 253

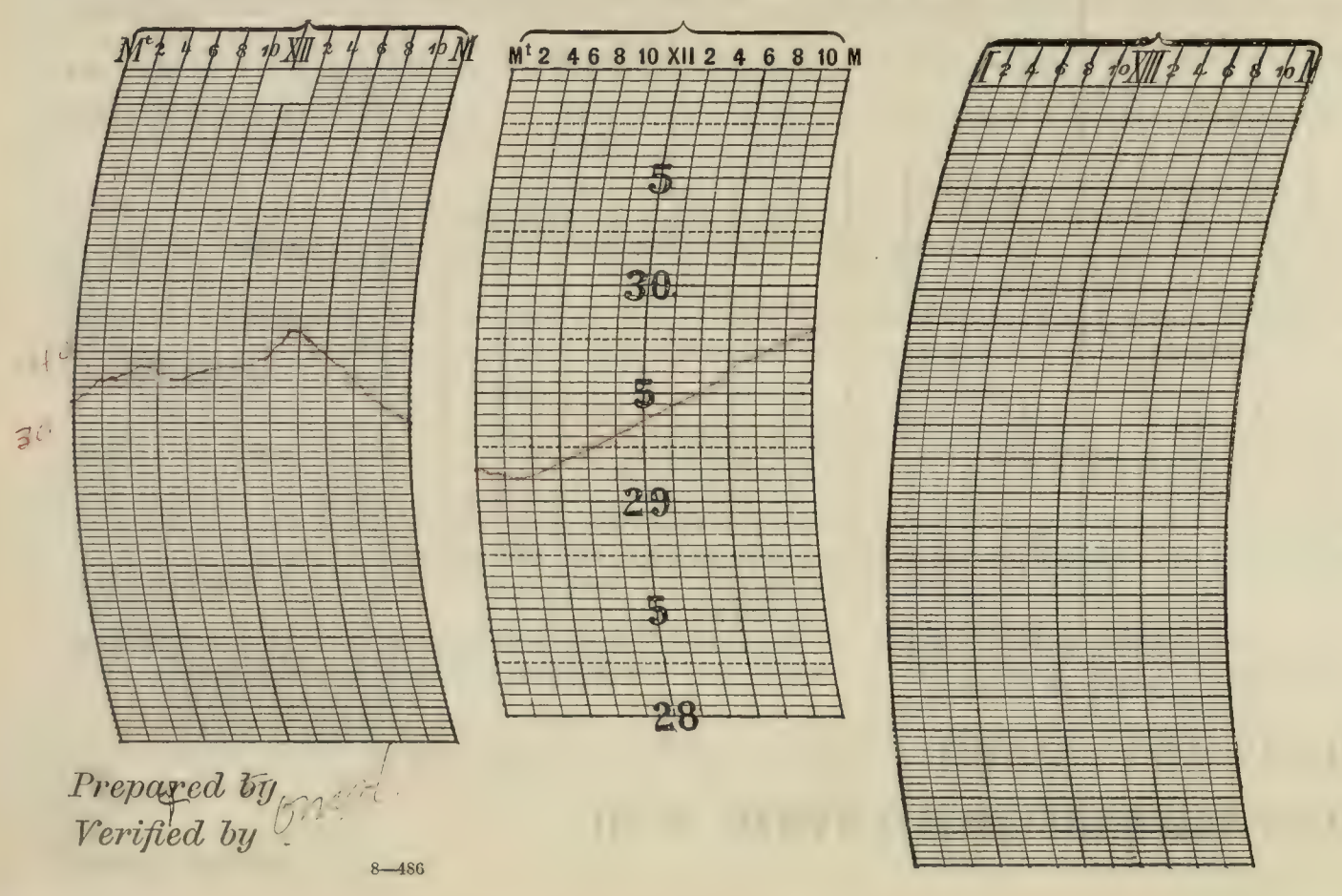
Average hourly velocity, 19.9

Maximum velocity,	Direction,	Time.
18	W	3:45 p.

Relative humidity, 88 a. m. ____ p. m.

Reduced barometer, 29.78 a. m. ____ p. m.

River gage, 17.9 falling.



NOTES.

Prepared by [illegible]

Verified by [illegible]

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

LA SALLE, ILL.

DAILY LOCAL RECORD.

(Station) ....., (Day of week) Thursday, (Date) FEB 27 1913 ....., 191

Time (local standard), 75 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	24	25	27	26	25	25	24	25	26	27	25	24	30	31	32	32	32	30	30	29	29	28	28	27
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					Clear											Pt Cldy								
Sunshine (in tenths of hours)							0	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	0						
Wind direction	NW	NW	NW	NW	NW	NW	N	N	N	N	NW	NW	N	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW
Wind movement	8	9	8	7	9	8	7	8	8	9	9	9	8	5	5	5	5	5	5	5	5	5	5	5
Maximum velocities (exceeding 25 miles)																								

Sunrise: Time, 6:31 Character, Clear

Sunset: Time, 5:44 Character, Cloudy

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

..... hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
32	24	[illegible]	[illegible]

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear 3

Moon phase, ...

Actual sunshine, hours, 11.2

Possible sunshine, hours, 11.2

Percentage of possible sunshine, 97

Prevailing direction NW

Total movement, 194

Average hourly velocity, 8.1

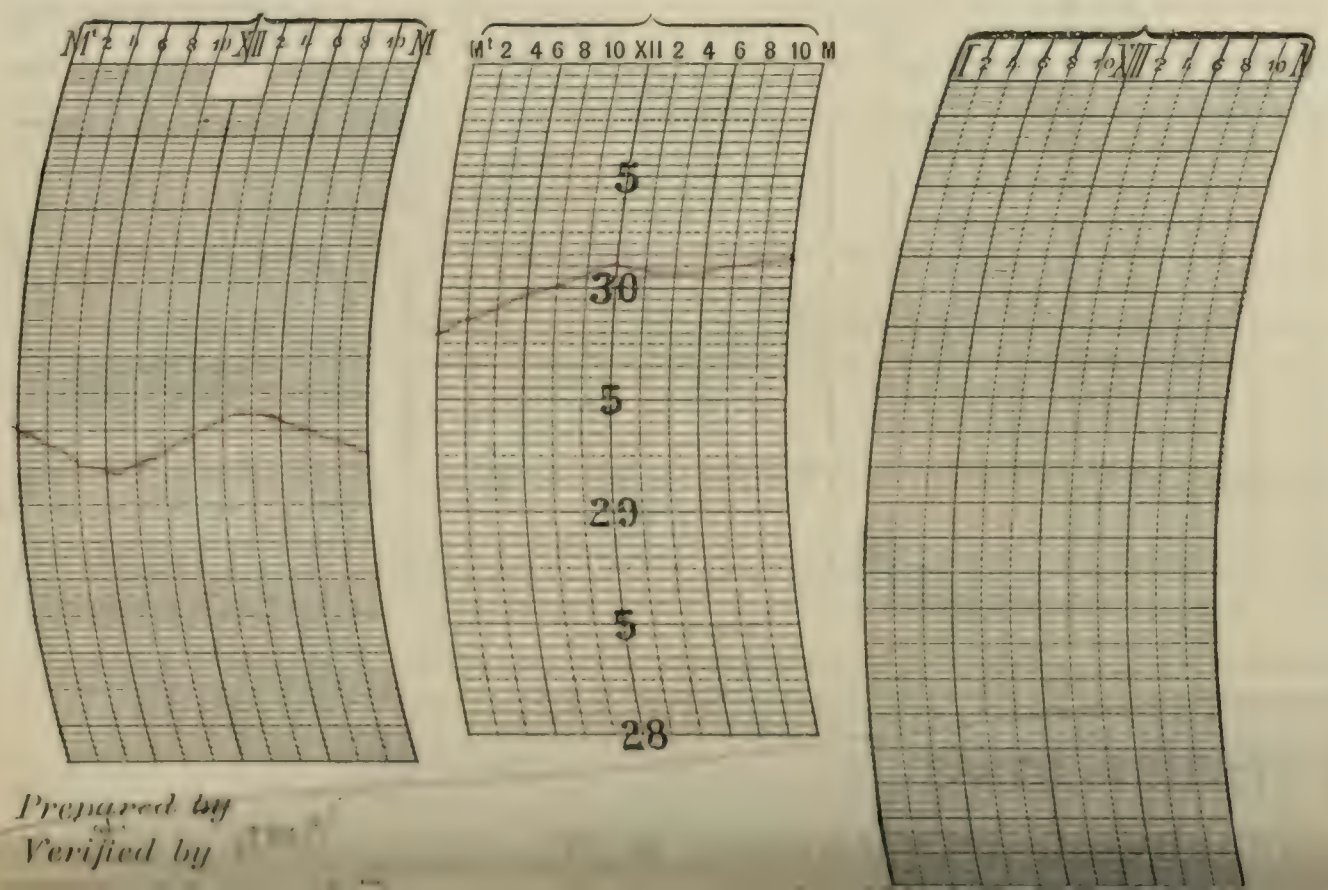
Maximum velocity.	Direction.	Time.
17	NW	10 a. m.

Relative humidity, 76 a. m. ..... p. m.

Reduced barometer, 30.05 a. m. ..... p. m.

River gage, 17.7 falling

NOTES.



Prepared by

Verified by

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) _____, (Day of week) Tues, (Date) FEB 28 1911, 191

Time (local standard), 75 mer.

	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	27	27	26	25	24	23	22	22	22	23	25	25	26	26	26	27	27	26	26	26	26	26	26	26
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions	←				Cloudy													→ Pt Cldy →				noon Clear		→
Sunrise: Time, 6:30 Character, Cloudy																					Sunset: Time, 5:46 Character, Cloudy			
Sunshine (in tenths of hours)							0	0	0	0.2	1.0	1.0	0.8	0.6	0.2	0	0	0						
Wind direction	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	W	NW	NW	W	W	W	W	W	W	W	W
Wind movement	9	10	9	10	10	9	9	8	8	7	8	8	9	9	9	9	10	8	7	6	7	8	8	9
Maximum velocities (exceeding 25 miles)																								

Excessive precipitation, accumulated amounts	Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

_____ hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
27	22	24	[illegible]

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches. New

Character of day, Cloudy 9. Moon phase, 6:31 p.

Actual sunshine, hours, 3.5

Possible sunshine, hours, 11.9

Percentage of possible sunshine, 34

Prevailing direction NW

Total movement, 204

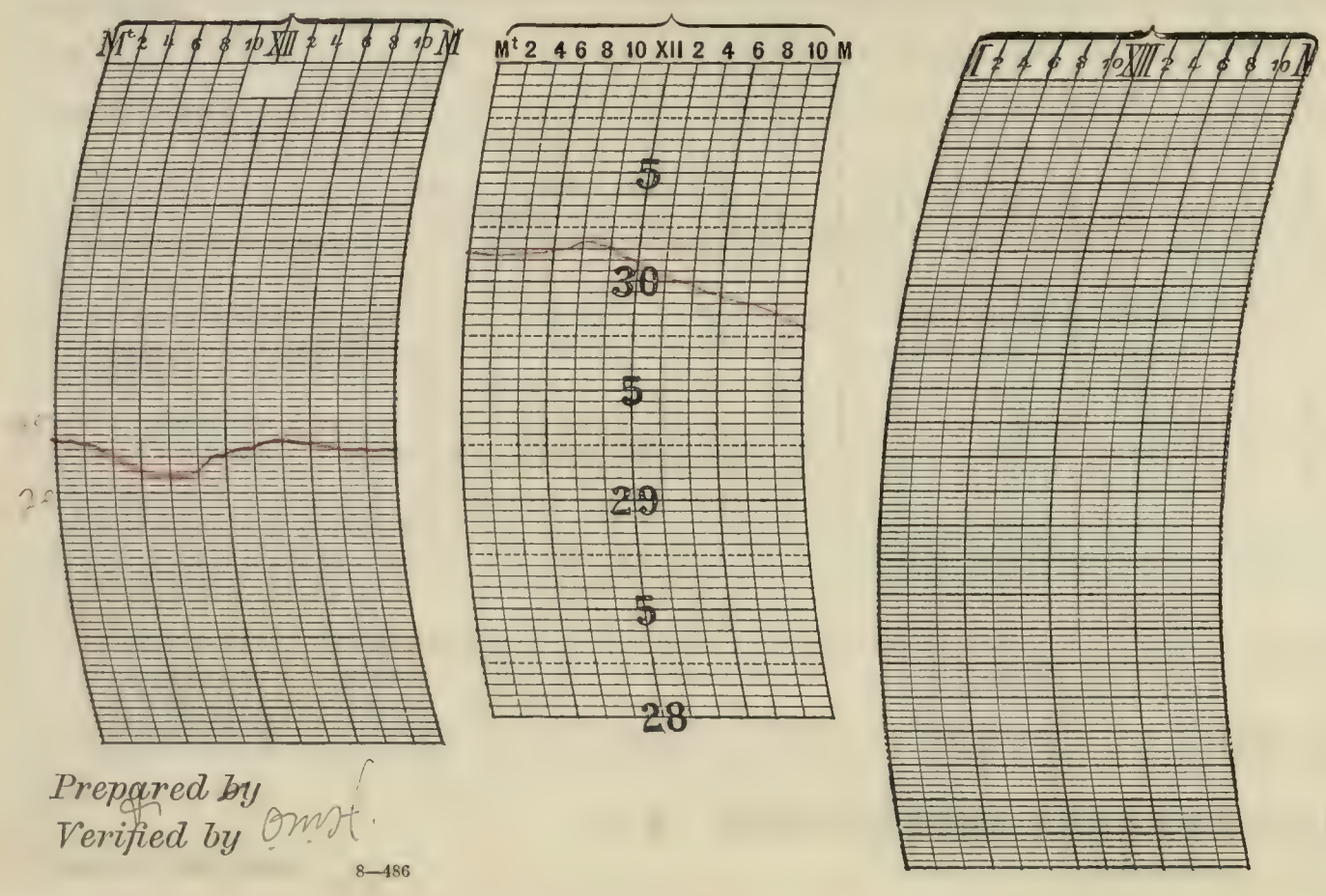
Average hourly velocity, 6.5

Maximum velocity,	Direction,	Time.
14	NW	4:27 a.

Relative humidity, 60 a. m. _____ p. m.

Reduced barometer, 30.75 a. m. _____ p. m.

River gage, 17.6 ft.



NOTES.

Prepared by _____

Verified by _____

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

LA SALLE, ILL.

(Station) ....., (Day of week) Wed, (Date) MAR 1 1911 ....., 191

Time (local standard), 90 mer.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	26	25	25	24	24	24	24	25	28	32	34	36	38	40	41	40	39	37	36	35	34	34	34	33
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					Clear											Partly cloudy								
Sunrise: Time, 6:30; Character, Clear																					Sunset: Time, 5:31; Character, Cloudy			
Sunshine (in tenths of hours)							0	0.5		1.0	1.0	1.0	0.9	1.0	1.0	0.8	0	0						
Wind direction	W	W	W	W	W	SW	W	SW	W	W	SW	SW	SW	SW	W	W	W	W	W	W	W	W	W	W
Wind movement	11	8	9	8	9	10	3	4	5	8	20	21	21	21	20	17	6	3	1	1	1	0	0	0
Maximum velocities (exceeding 25 miles)													26											

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Partly foggy

..... hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
41	24	33	34

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation 6 a. m. to 7 p. m., 0 ins. 6 p. m. to 6 a. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear 3 Moon phase, ...

Actual sunshine, hours, 9.3

Possible sunshine, hours, 11.3

Percentage of possible sunshine, 82

Prevailing direction W

Total movement, 322

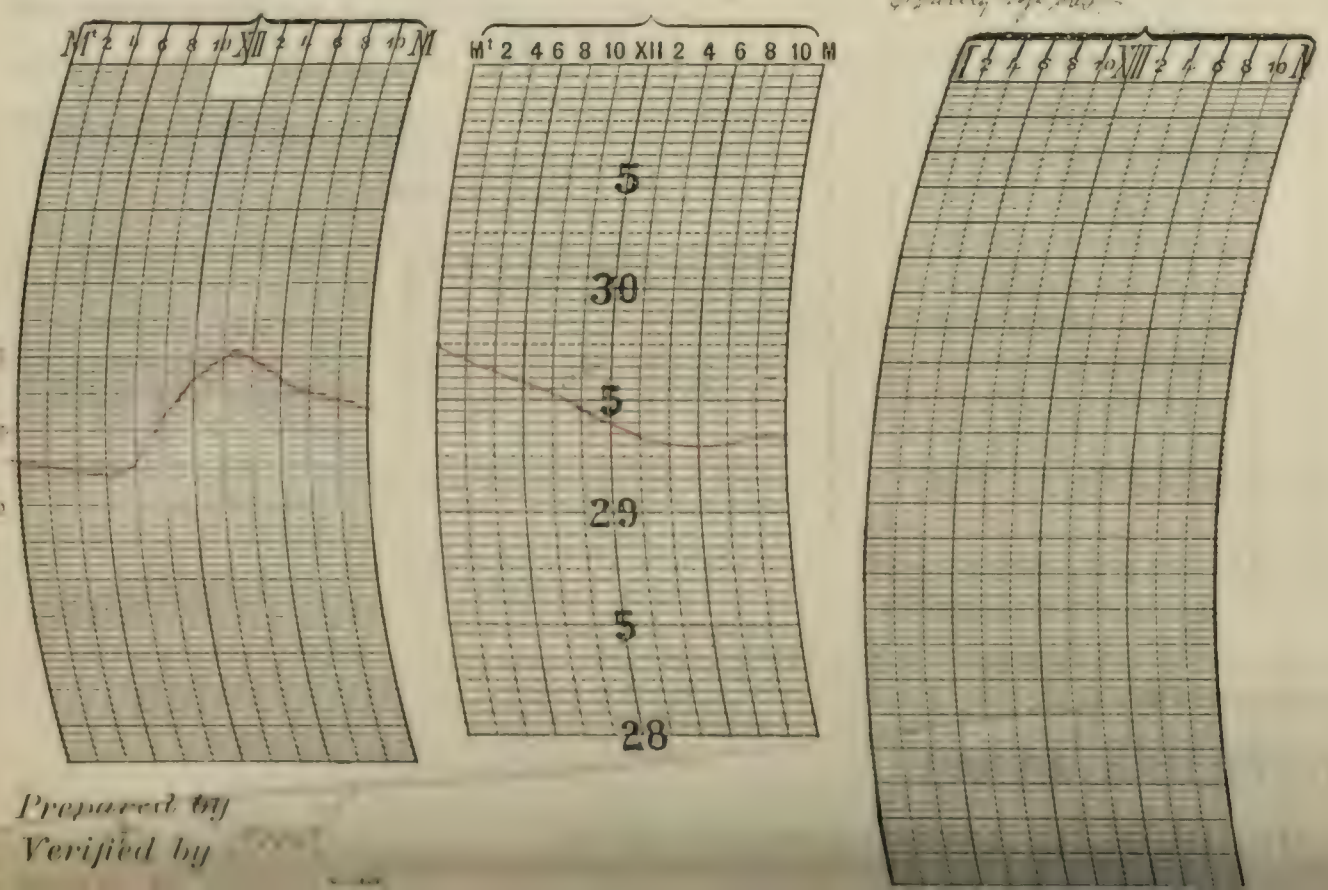
Average hourly velocity, 13.4

Maximum velocity,	Direction,	Time.
26	SW	1 p. m.

Relative humidity, 65 a. m. ..... p. m.

Reduced barometer, 30.02 a. m. ..... p. m.

River gage, ...



NOTES.

Prepared by

Verified by

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

MAR 2 1911

(Station) LA SALLE, ILL., (Day of week) Thurs, (Date) _____, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	33	32	32	32	32	31	30	31	32	33	35	37
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	←				Clear			→	PC	→	Cldy	←
Sunrise: Time, 5.29 Character, Clear												
Sunshine (in tenths of hours)							0	.57	1.0	1.0	1.0	1.0
Wind direction	W	W	W	W	W	W	W	W	NW	W	W	W
Wind movement	11	12	13	12	11	12	13	14	15	14	11	13

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	40	42	43	45	44	42	40	39	40	40	39	35
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	PC	→				←	moon visible		Clear			→
Sunset: Time, 5.48 Character, Clear												
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	.28	.50 0						
Wind direction	W	W	W	SW	W	SW	SW	SW	SW	SW	W	W
Wind movement	16	18	20	20	17	14	9	11	15	20	17	13

Excessive precipitation, accumulated amounts

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

	Maximum.	Minimum.	Mean.	Normal.
Temperature	45	29	37	30

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Pt. Cldy 4 Moon phase, _____

Actual sunshine, hours, 11.3

Possible sunshine, hours, 11.3

Percentage of possible sunshine, 100

Prevailing direction W

Total movement, 341

Average hourly velocity, 14.2

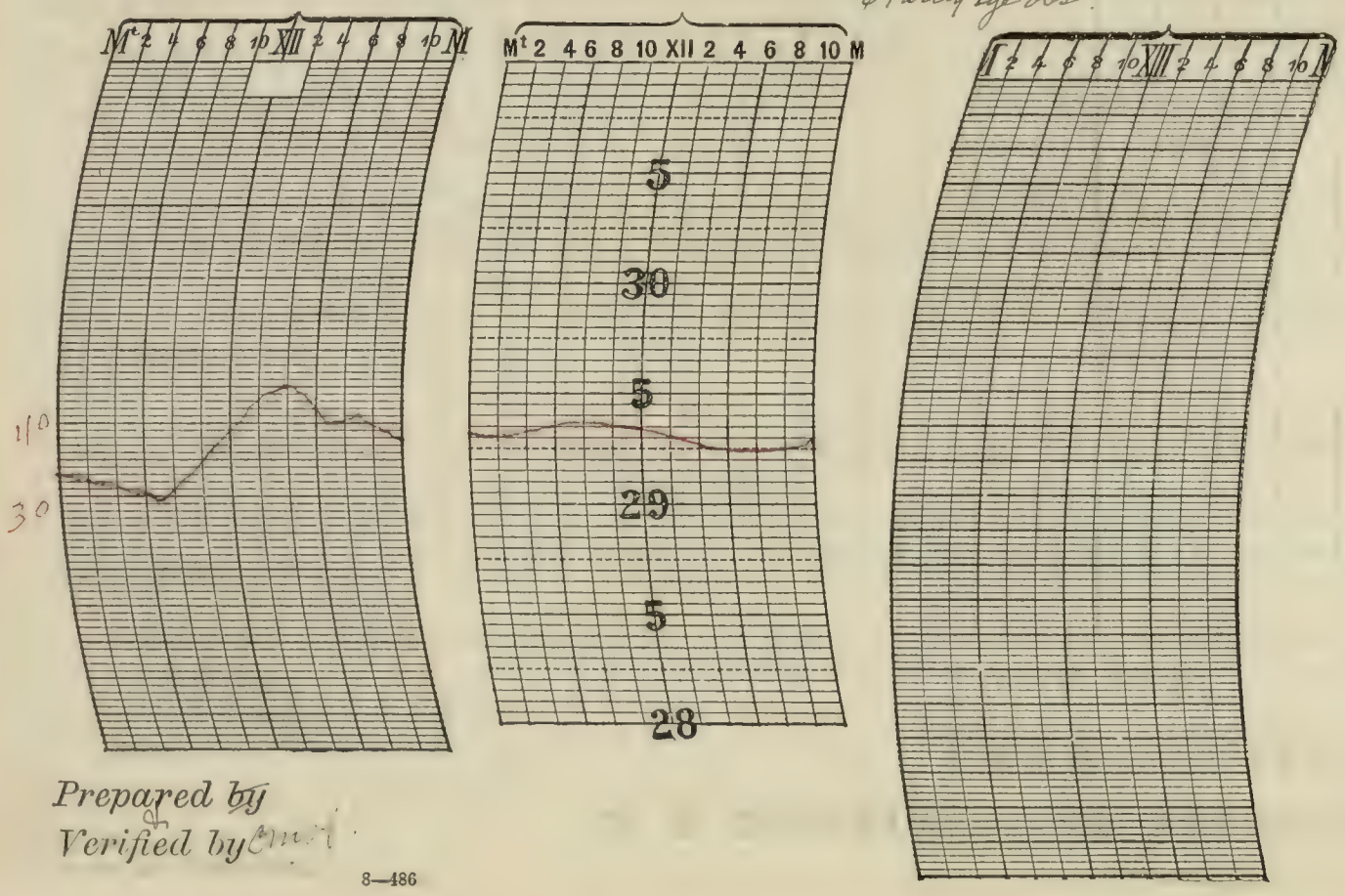
Maximum velocity,	Direction,	Time.
25	SW	9.44

Relative humidity, 72 a. m. _____ p. m.

Reduced barometer, 29.96 a. m. _____ p. m.

River gage, 17.2 ft.

Φ Partly Eye obs.



NOTES.

Prepared by

Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Sat., (Date) MAR 3 1911, 191

Time (local standard), 1 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	36	35	36	34	33	33	33	34	36	39	40	41
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Clear	→	Cloudy									
Sunrise: Time, Character,	6:17 Cloudy											
Sunshine (in tenths of hours)							0	0.5	1.0	1.0	1.0	0.7
Wind direction	W	W	W	NW	NW	N	NE	NE	NE	NE	NE	NE
Wind movement	11	9	6	5	6	7	6	4	9	5	6	6

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	44	45	45	44	40	39	37	37	36	36	36	35
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	→	Pt Cldy	→			Cloudy	→					
Sunset: Time, Character,									5:44 Cloudy			
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	0.1	0						
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE
Wind movement	6	5	6	7	7	7	4	6	3	3	1	1

Total duration. From— To— | Total amount of precipitation. | Excessive rate. Began— Ended— | Amount before excessive began. | Accumulated depths during excessive rate, for consecutive periods of time indicated below.

5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts.

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
45	33	[illegible]	31

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 1 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Cloudy 5 Moon phase,

Actual sunshine, hours, 6.5

Possible sunshine, hours, [illegible]

Percentage of possible sunshine, 35

Prevailing direction, NE

Total movement, 137

Average hourly velocity, 5.5

Maximum velocity,	Direction,	Time,
13	N	2:30 a.m.

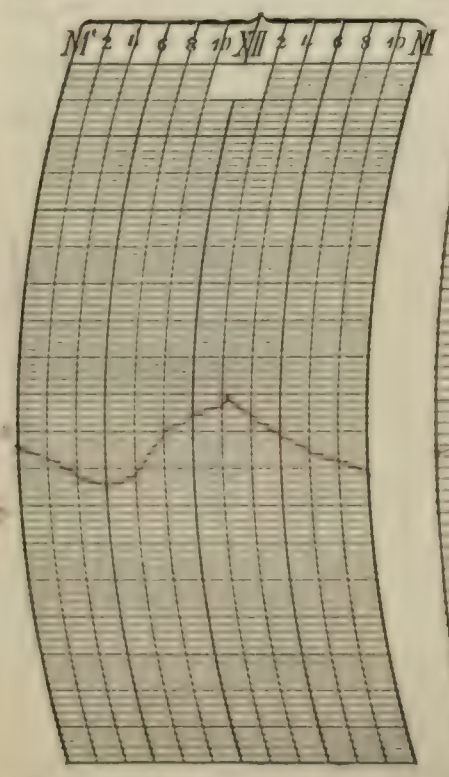
Relative humidity, [illegible] a. m. p. m.

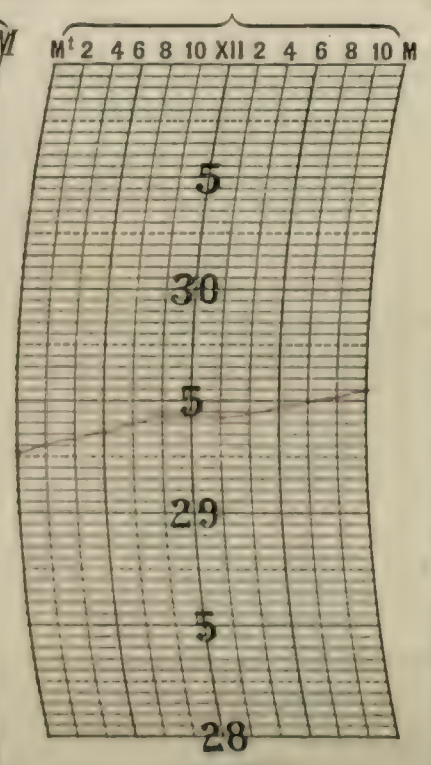
Reduced barometer, 29.6[illegible] a. m. p. m.

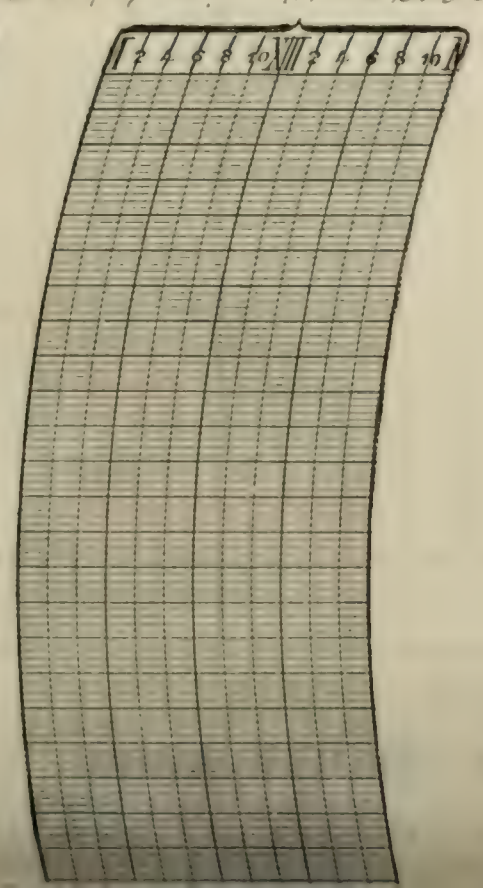
River gage, [illegible]

◐ Partly Cy obs. X. sun shone thru thin clouds

NOTES.







Prepared by

Verified by

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

LA SALLE, ILL. (Station), (Day of week) Sat., (Date) MAR 4 1911, 191

Time (local standard), 90 mer.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	34	34	34	32	30	29	28	30	31	32	33	33	34	36	36	36	36	35	33	31	30	28	26	25
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions	Clear												Clear											
Sunshine (in tenths of hours)							58 0	03 0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	53 0						
Wind direction	N	N	N	N	N	N	NW	N	N	N	N	N	NE	NW	NE	NE	NE	NE	NE	NE	E	E	E	E
Wind movement	4	5	5	5	7	5	6	9	13	13	13	11	10	7	7	6	5	5	3	5	9	10	9	11

Sunrise: Time, 6:25 Character, Clear.

Sunset: Time, 5.50 Character, Clear

Maximum velocities (exceeding 25 miles)

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

_____ hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
36	25	30	31

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase, ✓

Actual sunshine, hours, 11.4

Possible sunshine, hours, 11.4

Percentage of possible sunshine, 100

Prevailing direction N

Total movement, 183

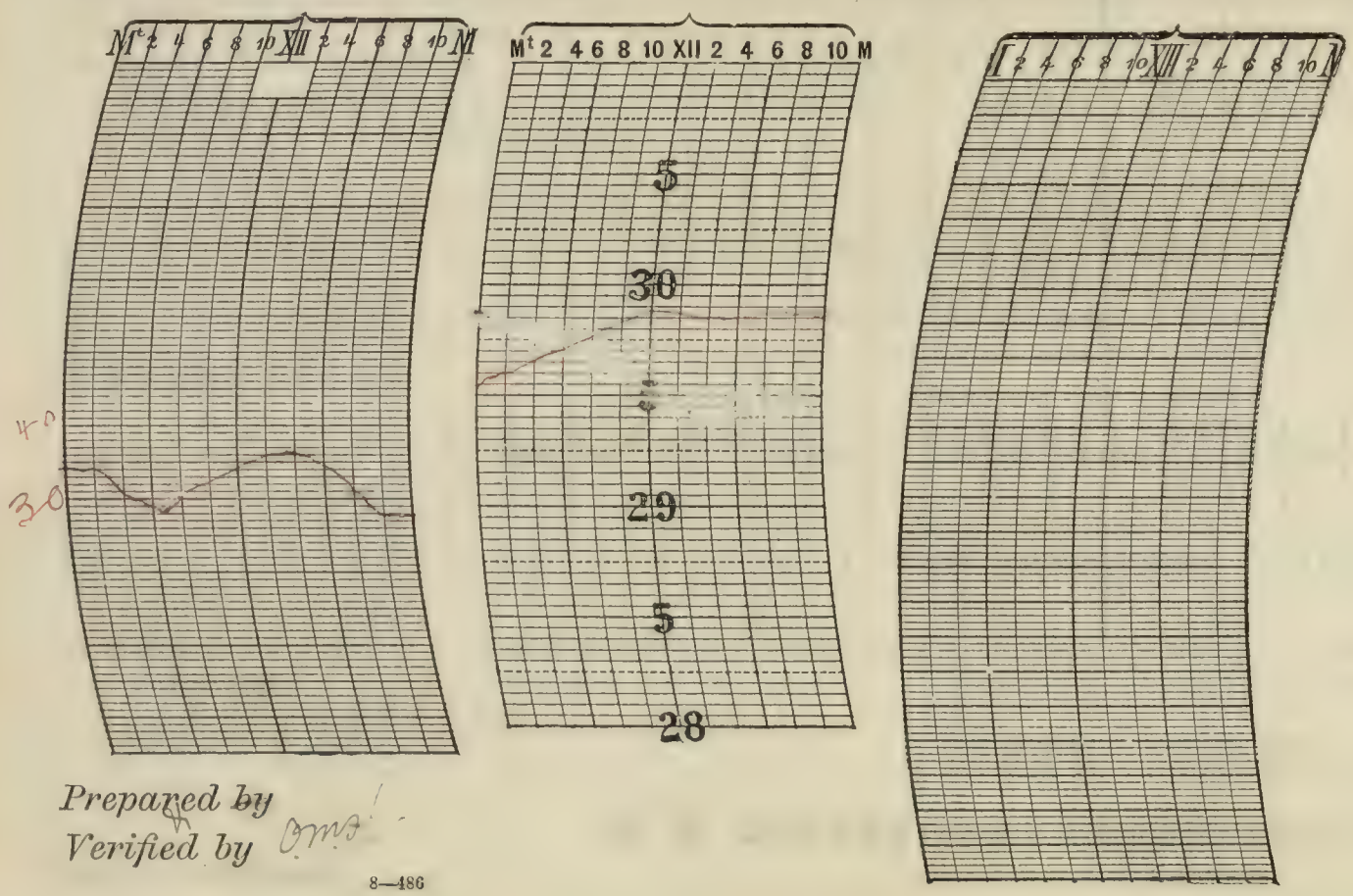
Average hourly velocity, 7.6

Maximum velocity,	Direction,	Time.
16	N	8:15 a.

Relative humidity, 76 a. m. _____ p. m.

Reduced barometer, 30.35 a. m. _____ p. m.

River gage, 16.8 F.



NOTES.

Prepared by
Verified by Oms

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Sunrise, (Date) MAR 5 1919, 191

Time (local standard), 75th meridian.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	26	28	28	28	28	28	28	30	33	34	36	33
State of weather: Nature of precipitation and time of beginning and ending											RB 10.45	
Amounts of precipitation											T	T
Cloudiness and other conditions				Pt. Cldy								
Sunrise: Time, Character	1:24 Cloudy											
Sunshine (in tenths of hours)							0	0.1	0.1	0	0	0
Wind direction	E	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	S
Wind movement	11	12	9	10	10	11	11	11	13	13	11	12

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	32	34	35	35	34	37	35	34	37	35	36	36
State of weather: Nature of precipitation and time of beginning and ending		RE 1.20	RB 2.25	-	-	-	-	-	RE 5.35			
Amounts of precipitation		T	T	T	T	T	T	T	T			
Cloudiness and other conditions		Cloudy							Cloudy			
Sunset: Time, Character									5:51 Cloudy			
Sunshine (in tenths of hours)	0	0	0	0	0	0						
Wind direction	SE	S	S	S	S	SW	SW	SW	NW	NW	NW	NW
Wind movement	10	7	7	4	4	7	4	3	4	3	3	4

Maximum velocities (exceeding 2 miles)

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts.

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
35	25	33	32

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Cloudy. Moon phase.

Actual sunshine, hours, 0.2

Possible sunshine, hours, 11.1

Percentage of possible sunshine, 2

Prevailing direction, SE

Total movement, 195

Average hourly velocity, 8.1

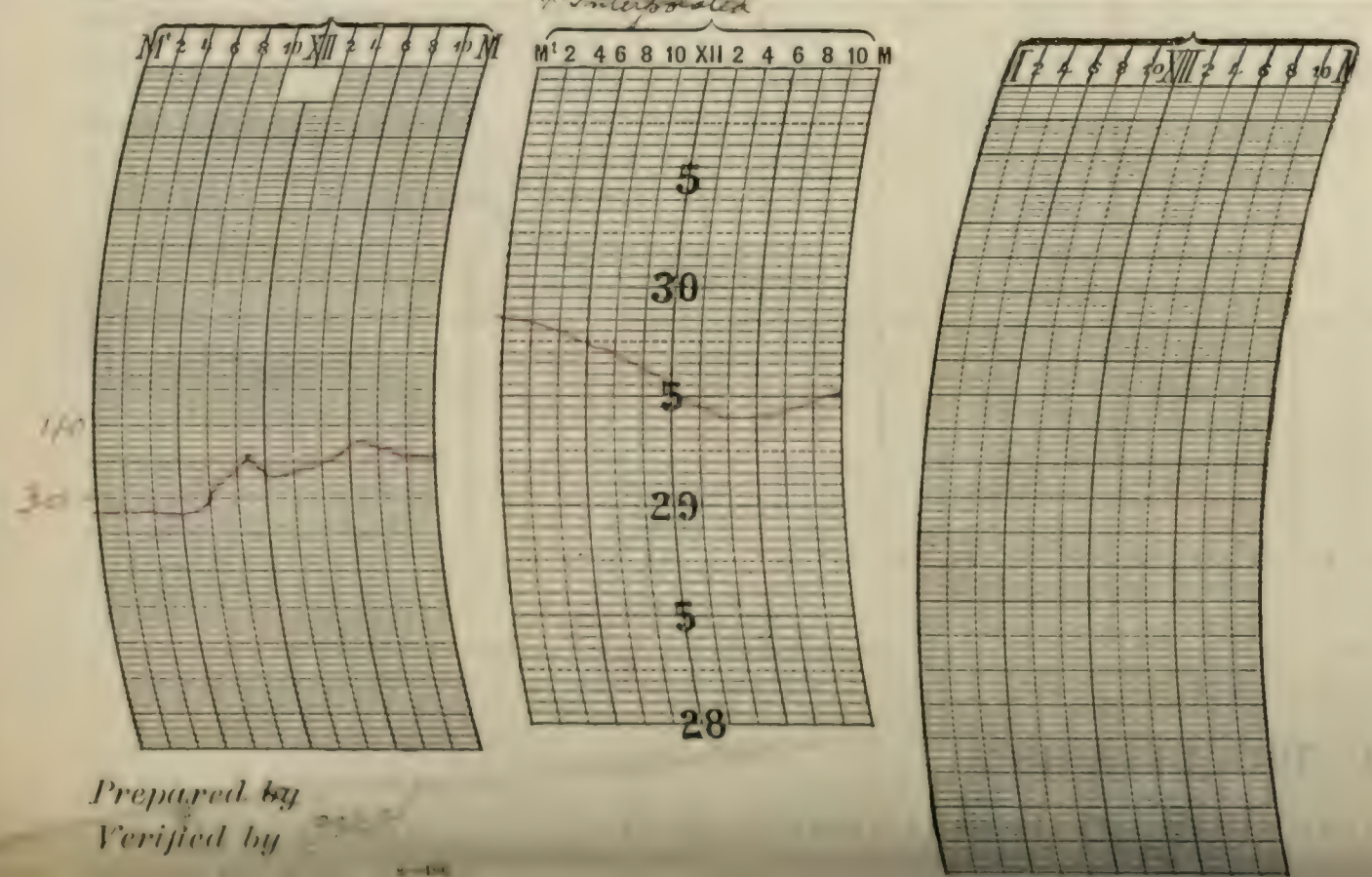
Maximum velocity,	Direction,	Time.
16	SE	1:00

Relative humidity, 70 a. m. p. m.

Reduced barometer, 30.51 a. m. p. m.

River gage, 10.3 falling

* Interpolated



NOTES.

Precipitation was in the form of snow.

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U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Mond, (Date) 6 Oct, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	36	36	36	35	35	34	33	37	39	33	36	36	38	38	39	38	37	37	37	36	36	36	36	35
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions	← Cloudy											→	← Cloudy											→
Sunrise: Time, Character,	5:22 Cloudy																				Sunset: Time, Character, 5:52 Cloudy			
Sunshine (in tenths of hours)							0	0	0	0	0	0	0.3	0	0	0	0	0						
Wind direction	NW	N	N	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	E	E	E	NE	E	E	E	E	E
Wind movement	5	7	11	8	8	10	12	13	13	11	9	10	11	5	10	9	8	7	5	5	10	9	9	10
Maximum velocities (exceeding 0.5 miles)																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Maximum.	Minimum.	Mean.	Normal.
39	31	35	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., T ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Cloudy 10 Moon phase, ✓

Actual sunshine, hours, 0.3

Possible sunshine, hours, 11.5

Percentage of possible sunshine, 3

Prevailing direction NE

Total movement, 221

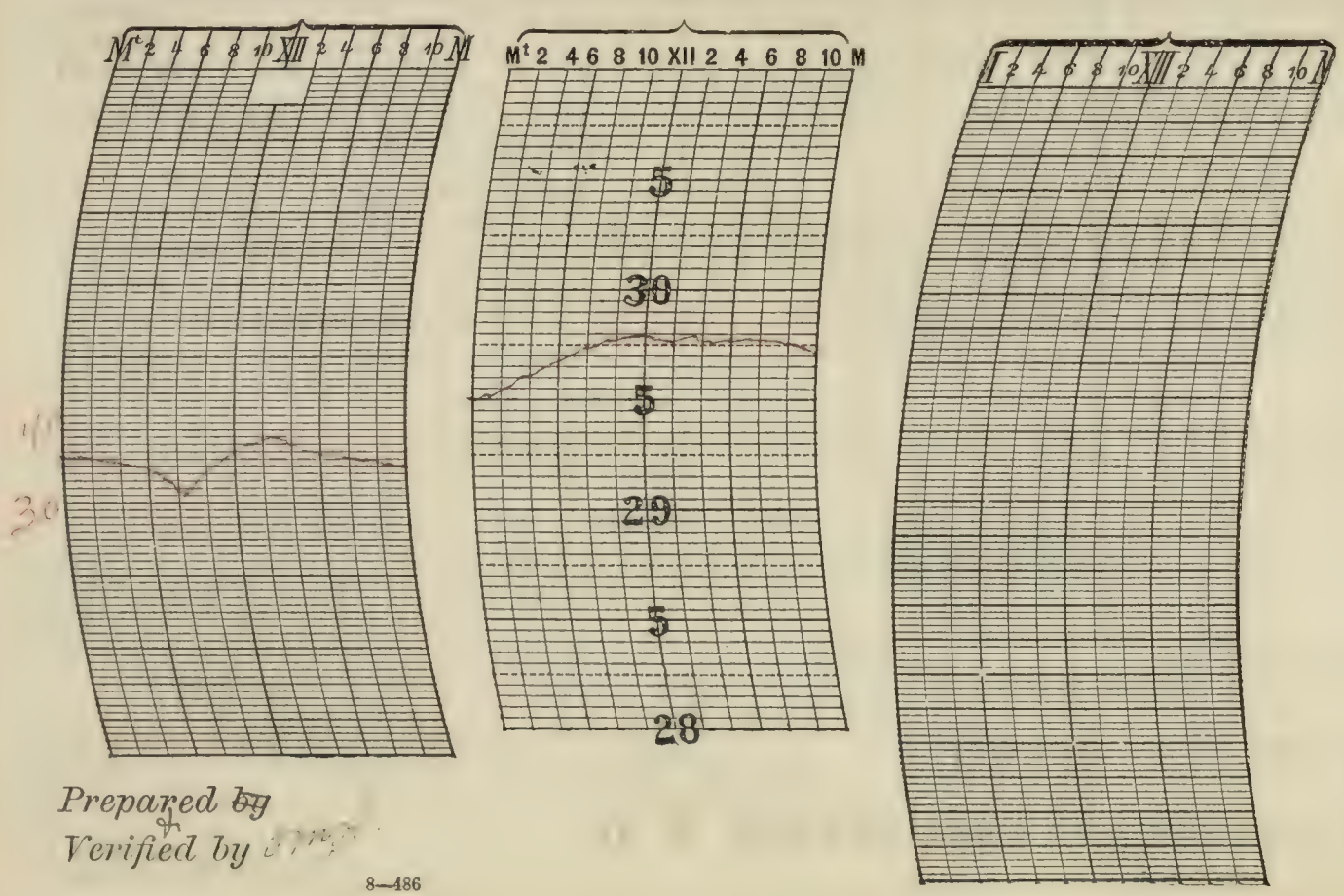
Average hourly velocity, 9.2

Maximum velocity,	Direction,	Time.
17	NE	8:05 a.

Relative humidity, 86 a. m. ____ p. m.

Reduced barometer, 30.29 a. m. ____ p. m.

River gage, 16.4 falling



NOTES.

Prepared by
Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Tues, (Date) MAR 7 1911, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	35	35	34	34	34	39	31	31	31	31	31	33
State of weather: Nature of precipitation and time of beginning and ending				Sm ⊕ Dna						Sm E 9.15		
Amounts of precipitation						06			07			
Cloudiness and other conditions					Cloudy							
Sunrise: Time, Character,	6.21 Cloudy											
Sunshine (in tenths of hours)							0	0	0	0	0	0.5
Wind direction	E	E	E	E	NE	NE	NE	E	NE	NE	NE	NE
Wind movement	11	10	11	9	8	7	10	5	9	9	9	8

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	34	34	34	34	34	34	34	34	34	34	35	33
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					P. Cldy			Clear				
Sunset: Time, Character,									5.54 Clear			
Sunshine (in tenths of hours)	1.0	1.0	0.9	1.0	0.9	0						
Wind direction	NE	NE	N	N	N	N	N	NE	NE	NE	NE	N
Wind movement	8	11	11	11	11	9	5	9	1	3	5	4

Maximum.	Minimum.	Mean.	Normal.
45	31	39	33

Total depth of snow for 24 hours ending 7 p. m., 1.1 inches.

Snow on ground 7 p. m., 4 inches.

Total snowfall, midnight to midnight, 1 inches.

Precipitation to 7 a. m., .06 ins.; to 7 p. m., .17 ins.

Total precipitation, midnight to midnight, .23 inches.

Character of day, Pt. Cld. Moon phase, ☽ F.Q. 5.

Actual sunshine, hours, 5.3

Possible sunshine, hours, 11.6

Percentage of possible sunshine, 45

Prevailing direction, NE

Total movement, 155

Average hourly velocity, 6.5

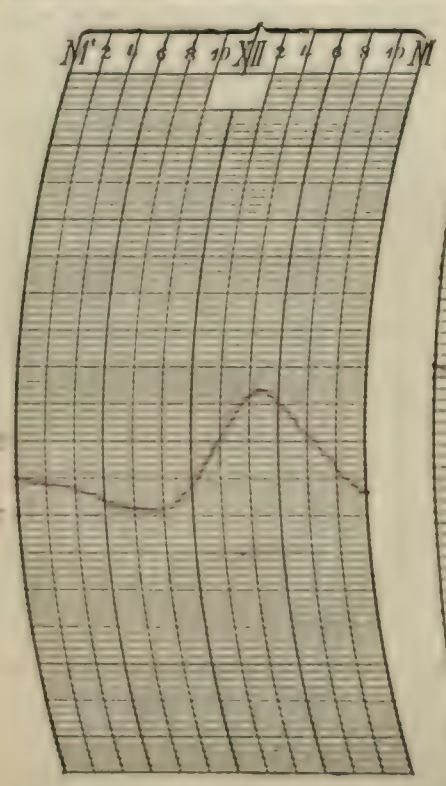
Maximum velocity.	Direction.	Time.
12	E	

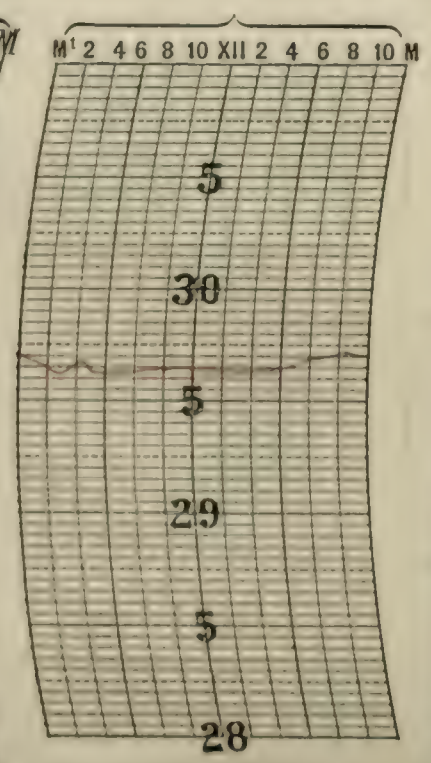
Relative humidity, 71 a. m. ____ p. m.

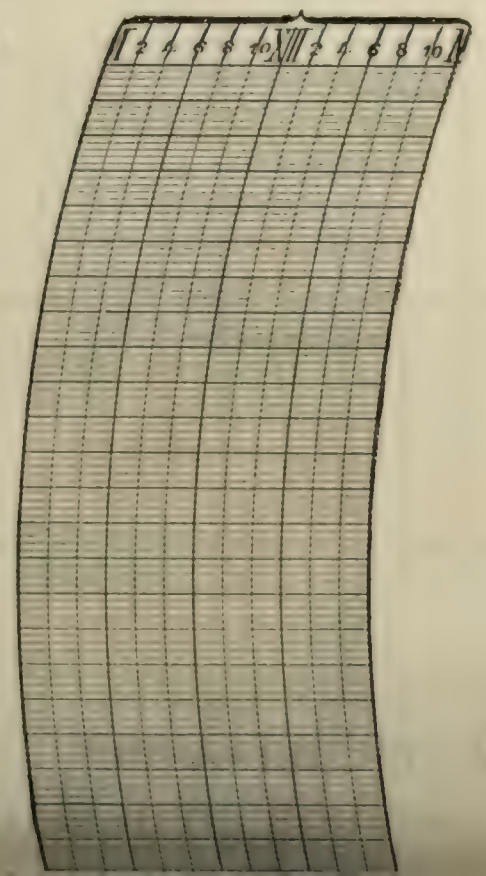
Reduced barometer, 30.20 a. m. ____ p. m.

River gage, 1.6 Falling

Excessive precipitation, accumulated amounts.	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.







NOTES.

Prepared by

Verified by

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LASALLE ILL., (Day of week) Wed., (Date) MAR 8 1911, 191

Time (local standard), 75th mer.

	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
	A. M.												P. M.											
Temperature at end of hour	33	32	32	30	30	30	31	33	37	41	43	46	46	47	49	50	50	48	47	45	43	41	40	40
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions	←				Clear			→ Pc	→	←	Cloudy								→ Pc	→	Clear			→
Sunshine (in tenths of hours)	Sunrise: Time, 6.17; Character, Clear						.68 0	1.0 0	.06	1.0	1.0	1.0	1.0	1.0	1.0	.05	0	0			Sunset: Time, 5.55; Character, Cloudy			
Wind direction	NE	NE	NE	NE	E	E	E	E	S	S	S	S	S	S	S	S	S	SE	SE	SE	S	S	S	S
Wind movement	3	3	3	5	5	3	3	3	3	11	6	9	3	11	10	11	6	7	7	8	7	5	5	5
Maximum velocities (exceeding 25 miles)																								

Excessive precipitation, accumulated amounts	Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

* sun continued to shine thru thin upper clouds.

_____ hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
50	30	41	33

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Cloudy; Moon phase, _____

Actual sunshine, hours, 9.0

Possible sunshine, hours, 11.6

Percentage of possible sunshine, 78

Prevailing direction, SE

Total movement, 140

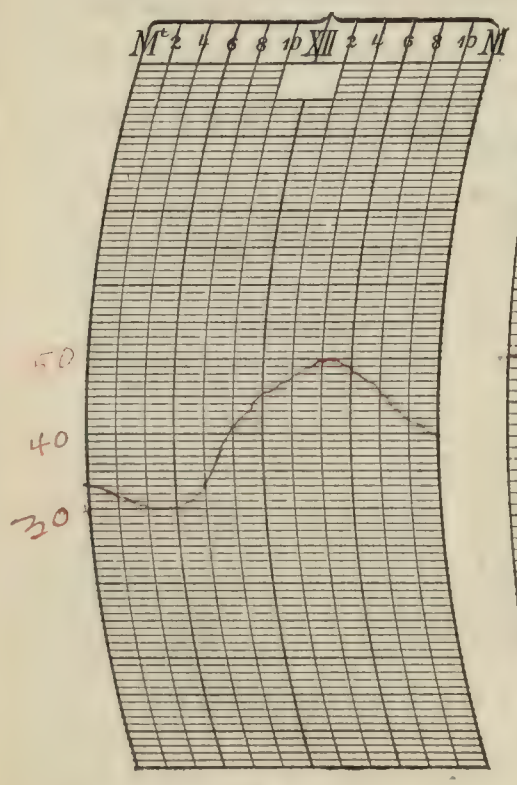
Average hourly velocity, 5.8

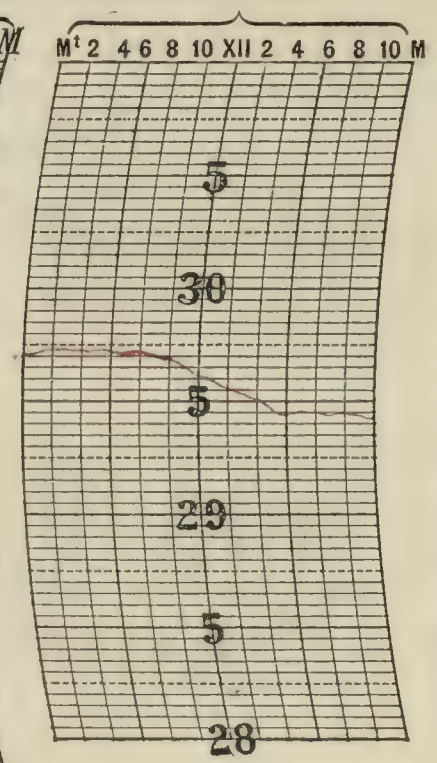
Maximum velocity,	Direction,	Time.
14	SE	1 p.m.

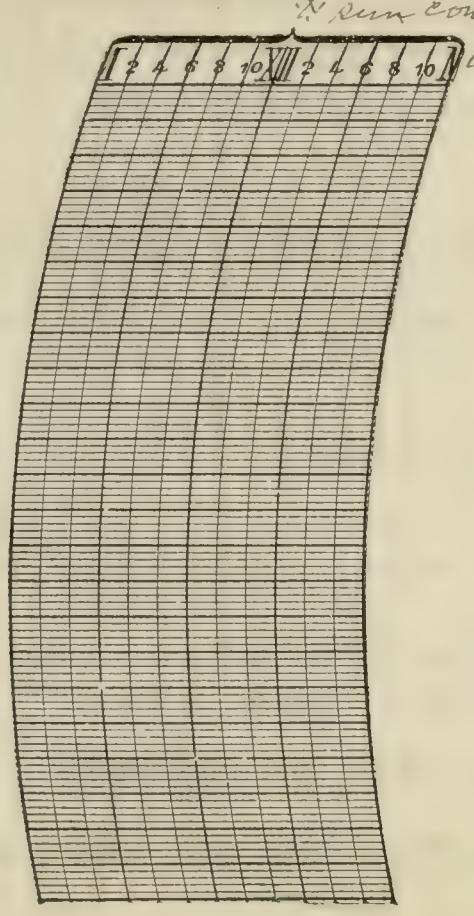
Relative humidity, 89 a. m. _____ p. m.

Reduced barometer, 30.30 a. m. _____ p. m.

River gage, 16.0 a. m. _____ p. m.







NOTES.

Prepared by _____

Verified by _____

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) [illegible], *(Day of week)* [illegible], *(Date)* Mar 9 1911, 191

Time (local standard), 75 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	40	39	40	40	40	39	38	39	44	49	54	58	61	62	63	64	63	54	52	49	47	45	43	42
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions			Partly			Cloudy				×							Partly				Clear			
Sunrise: Time, 6:17; Character, Clear																					Sunset: Time, 5:56; Character, Clear			
Sunshine (in tenths of hours)							2	2	1.0	1.0	1.0	1.0	1.0	1.0	0.9	1.0	0.6	0						
Wind direction	SW	S	S	SW	S	S	S	SE	SE	SW	SW	SW	SW	SW	SW	SW	W	NW	NW	NW	NW	W	W	W
Wind movement	4	4	6	7	3	2	3	2	4	7	12	6	6	6	8	7	12	6	15	11	5	5	2	2
Maximum velocities (exceeding 25 miles)																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
64	37	50	43

Total depth of snow for 24 hours ending 7 p. m., 6 inches.

Snow on ground 7 p. m., 6 inches.

Total snowfall, midnight to midnight, 6 inches.

Precipitation to 7 a. m., [illegible] ins.; to 7 p. m., [illegible] ins.

Total precipitation, midnight to midnight, [illegible] inches.

Character of day, Variable. Moon phase, [illegible]

Actual sunshine, hours, [illegible]

Possible sunshine, hours, [illegible]

Percentage of possible sunshine, [illegible]

Prevailing direction, W

Total movement, 164

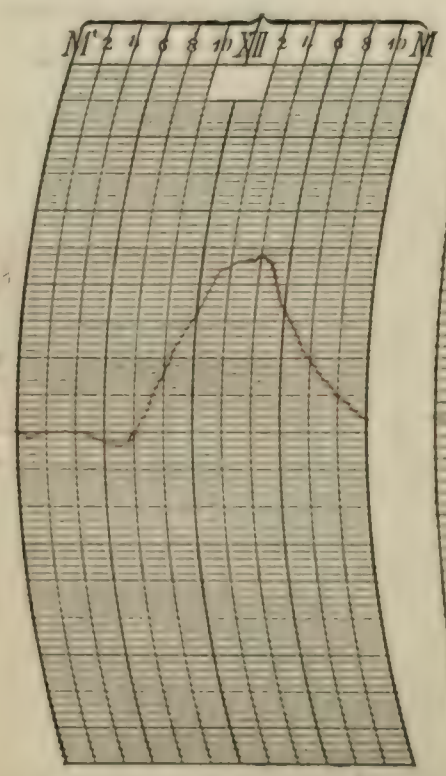
Average hourly velocity, 7

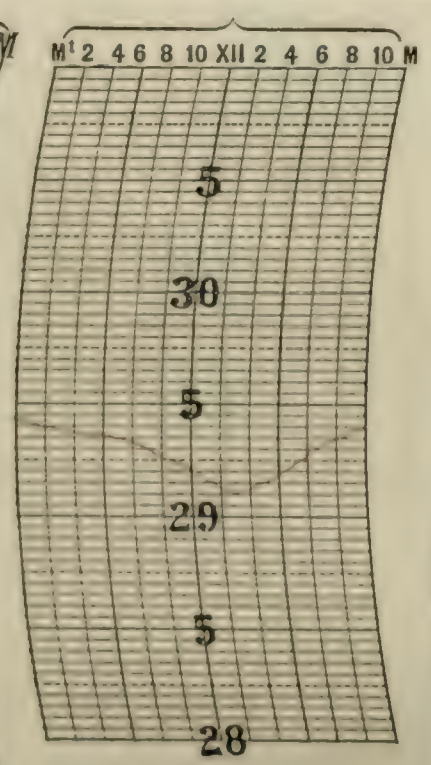
Maximum velocity, [illegible] Direction, NW Time, [illegible]

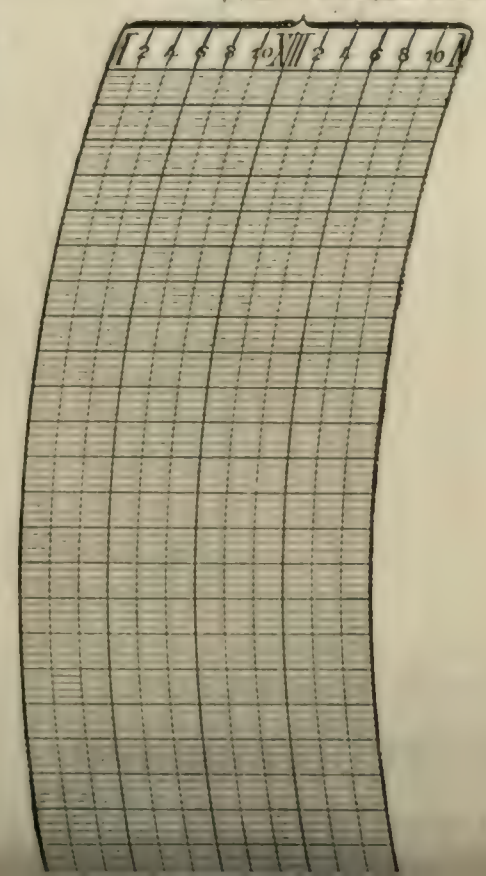
Relative humidity, [illegible] a. m. [illegible] p. m.

Reduced barometer, [illegible] a. m. [illegible] p. m.

River gage, [illegible]







NOTES.

Prepared by

Verified by

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) _____, *(Day of week)* Fri, *(Date)* 10, 191

Time (local standard), ___ mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	41	40	39	37	36	35	35	38	42	43	44	46
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Clear					Pt. Cldy.				Cloudy		
Sunrise: Time, Character,	6.16 Clear											
Sunshine (in tenths of hours)							73 0	6.3 0.7	1.0	1.0	1.0	1.0
Wind direction	W	W	W	W	W	W	NW	W	N	NE	NE	NE
Wind movement	13	10	9	7	5	2	4	4	6	6	7	6
Maximum velocities (exceeding 25 miles)												

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	48	49	50	51	49	45	44	42	40	40	41	44
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Cloudy					Faint moonlight		Pt. Cldy.				
Sunset: Time, Character,									5.57 Cloudy			
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.3	0 1.0	0						
Wind direction	E	E	E	E	SE	SE	E	E	E	E	E	SE
Wind movement	7	7	8	10	10	10	8	7	9	7	8	9
Maximum velocities (exceeding 25 miles)												

___ hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
51	35	43	34

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Pt. Cldy. Moon phase, ✓

Actual sunshine, hours, 10.0

Possible sunshine, hours, 11.7

Percentage of possible sunshine, 85

Prevailing direction E

Total movement, 179

Average hourly velocity, 7.5

Maximum velocity,	Direction,	Time.
14	W	11 am

Relative humidity, 91 a. m. ___ p. m.

Reduced barometer, 30.14 a. m. ___ p. m.

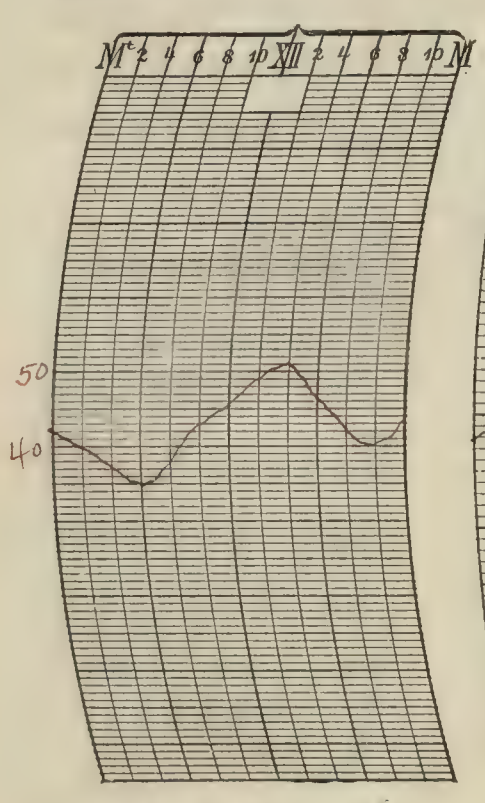
River gage, 15.7 ft

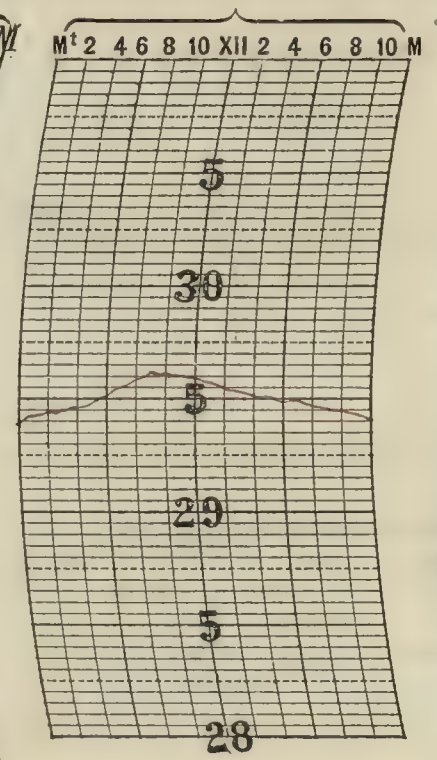
Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

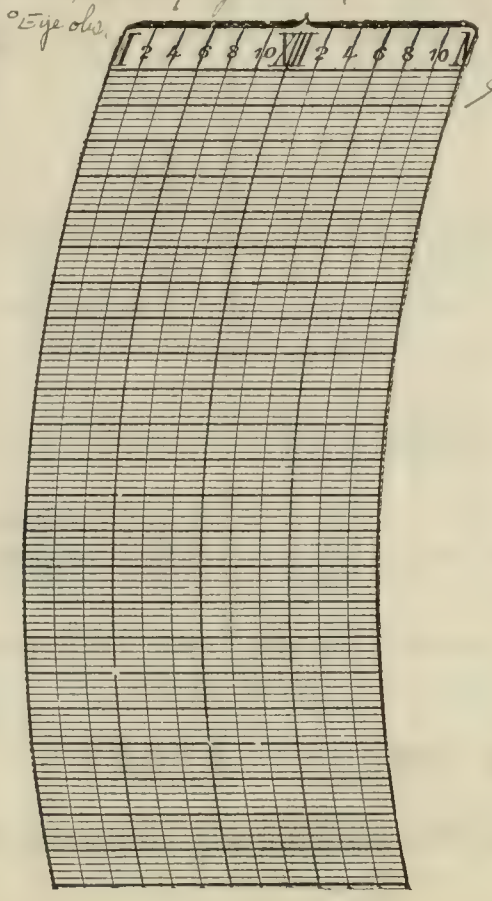
Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Ø Partly Eye obsv. X- Interpolated.

°Eye obs.







NOTES.

Sun shone thru thin vapor

Prepared by

Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) [illegible], (Day of week) Sat, (Date) MAR 11 1916, 191

Time (local standard), [illegible] mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	41	40	44	43	44	44	44	46	50	53	56	60	62	63	64	65	65	64	64	63	63	60	58	54
State of weather: Nature of precipitation and time of beginning and ending																							R 18 Cloud 10:30	
Amounts of precipitation																							T	07
Cloudiness and other conditions				Cloudy												Cloudy								
Sunrise: Time, 6:14 Character, Cloudy																					Sunset: Time, 5:58 Character, Cloudy			
Sunshine (in tenths of hours)							0	0	0.2	0.2	0.2	0.6	0.8	0	0	0	0	0						
Wind direction	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	S	S	SW	SW	S	SW	SW	SW	N	N	N	N
Wind movement	10	10	10	11	11	12	12	11	11	14	12	14	5	14	0	10	9	6	8	6	9	6	3	0
Maximum velocities (exceeding [illegible] miles)																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

[illegible] hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
65	41	54	[illegible]

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, [illegible] inches.

Precipitation to [illegible] a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 07 inches.

Character of day, Cloudy 10 Moon phase, [illegible]

Actual sunshine, hours, [illegible]

Possible sunshine, hours, [illegible]

Percentage of possible sunshine, [illegible]

Prevailing direction, SW

Total movement, [illegible]

Average hourly velocity, [illegible]

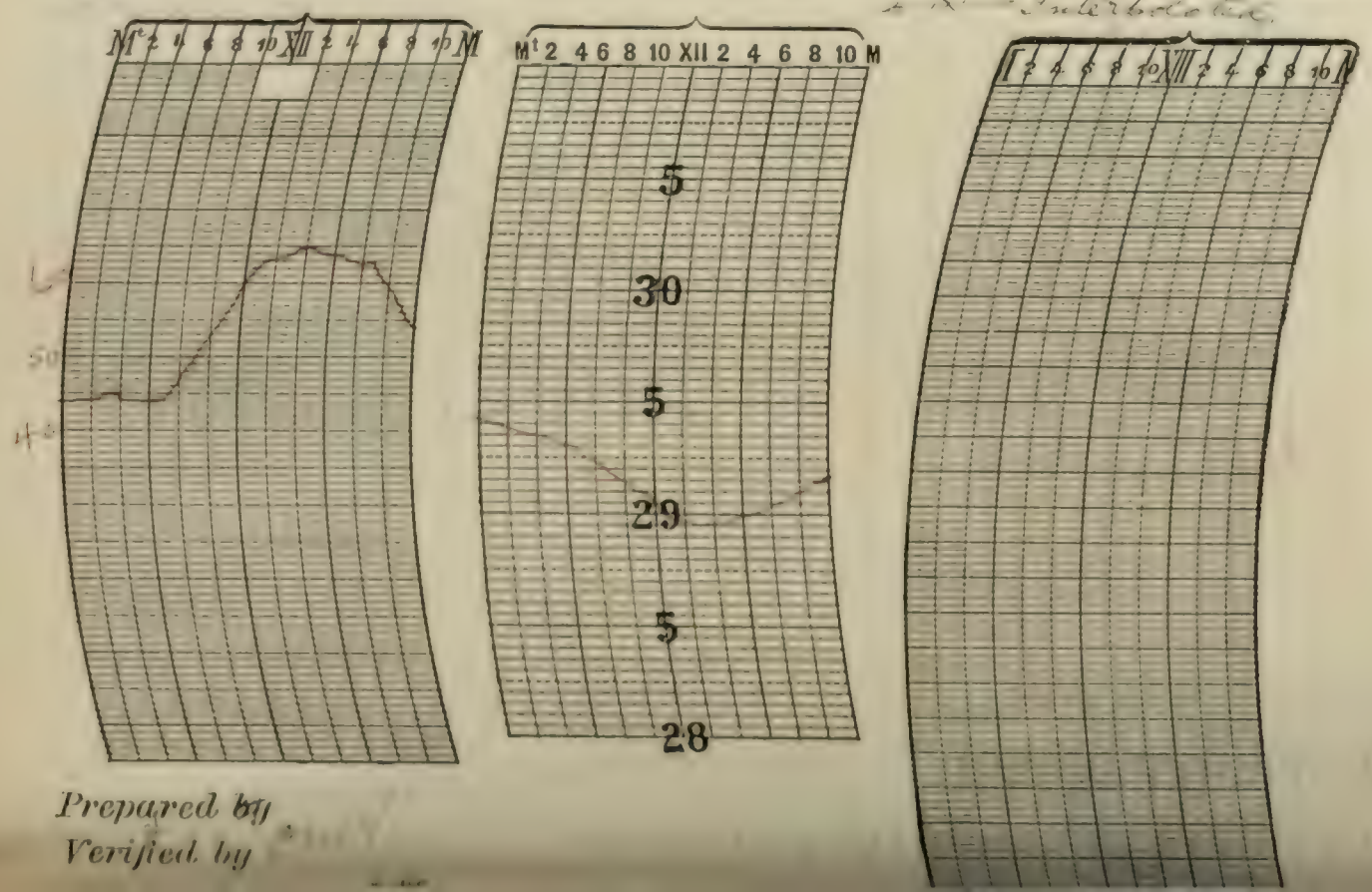
Maximum velocity,	Direction,	Time,
23	S	[illegible]

Relative humidity, [illegible] a. m. [illegible] p. m.

Reduced barometer, [illegible] a. m. [illegible] p. m.

River [illegible] 5.7 [illegible]

+ N = Interbolate



NOTES.

Prepared by

Verified by

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) _____, (Day of week) Sund, (Date) MAR 12 1911, 191

Time (local standard), 75 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	52	50	47	45	43	42	39	40	39	35	31	30
								RE	SL.B	SL.E 8:12		
Nature of precipitation and time of beginning and ending	–	–	–	–	–	–	–	7:10	8:52	Sm.B. 9:12	–	–
Amounts of precipitation	.07	.08	.05	.08	.03	.09	.08	T	T	←		
Cloudiness and other conditions	←				Cloudy							
Sunrise: Time, Character,	6:12 Cloudy											
Sunshine (in tenths of hours)							0	0	0	0	0	0
Wind direction	N	NE	N	N	NE	NE	NE	NE	NE	NE	N	NE
Wind movement	8	8	13	17	16	17	20	20	15	22	16	15
Maximum velocities (exceeding 25 miles)							32	36				

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	29	30	31	36	36	35	33	32	31	29	28	27
			Sm.E									
Nature of precipitation and time of beginning and ending	–		2:32									
Amounts of precipitation	.08	→										
Cloudiness and other conditions					* moon visible →			Clear				
Sunset: Time, Character,									5:59 Clear			
Sunshine (in tenths of hours)	0	0	0	0.2	0.6	1.8 0.3						
Wind direction	NE	NE	NE	NE	NE	NE	N	NE	NE	NE	NE	NE
Wind movement	17	17	15	10	13	8	5	10	9	8	4	4
Maximum velocities (exceeding 25 miles)												

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
54	27	40	35

Total depth of snow for 24 hours ending 7 p. m., 0.7 inches.

Snow on ground 7 p. m., 0.7 inches.

Total snowfall, midnight to midnight, 0.7 inches. Heavy, 12

Precipitation to 7 a. m., .55 ins.; to 7 p. m., .08 ins.

Total precipitation, midnight to midnight, .56 inches.

Character of day, Cloudy Moon phase, _____

Actual sunshine, hours, 1.8

Possible sunshine, hours, 11.8

Percentage of possible sunshine, 15

Prevailing direction NE

Total movement, 305

Average hourly velocity, 12.7

Maximum velocity,	Direction,	Time.
32	NE	6:40 a

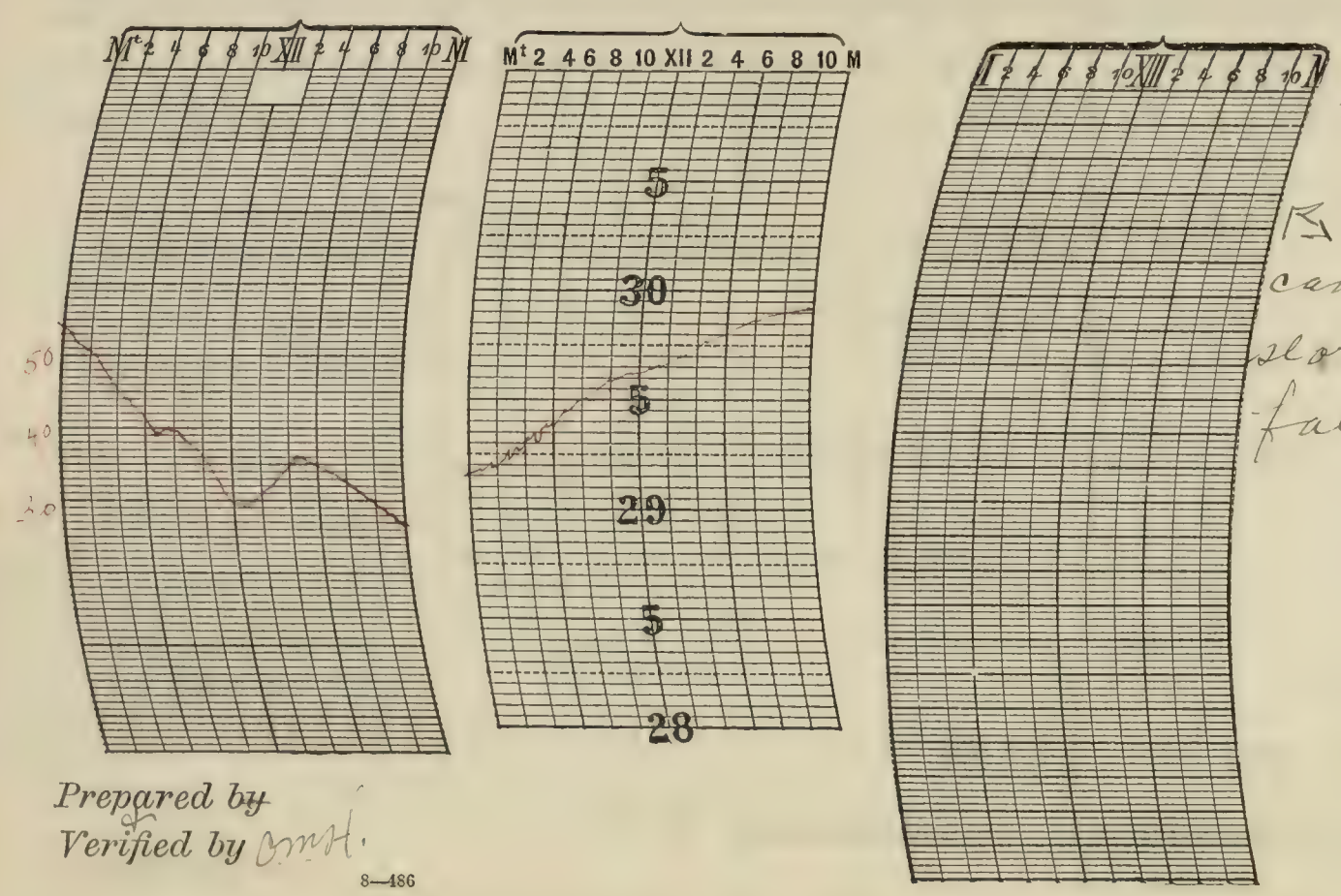
Relative humidity, 95 a. m. _____ p. m.

Reduced barometer, 30.01 a. m. _____ p. m.

River gage, 15.7 on stand.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts



NOTES.

* Cleared rapidly after 4:30 p.

Thunder was heard once – at 6:20 am, storm came from NE. Maximum wind velocity during storm 32 miles from NE. There was a light fall of sleet from 5:02 to 5:22 am.

Prepared by

Verified by W.H.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Friday, (Date) MAR 13 1914 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	27	26	26	25	24	24	26	30	32	35	38	41	43	45	46	46	46	45	43	40	37	36	34	33
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					Clear												Clear							
Sunrise: Time, Character, 6.11 Clear																					Sunset: Time, Character, 6.00 Clear			
Sunshine (in tenths of hours)							0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0						
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	E	E	N	NE	NE	E	SE
Wind movement	6	6	5	4	4	3	7	8	9	8	5	7	7	6	6	6	4	3	1	5	2	3	3	1
Maximum velocities (exceeding ... miles)																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

... hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
47	24	36	35

Total depth of snow for 24 hours ending ... p. m., 0 inches.

Snow on ground 7 p. m., 7 inches.

Total snowfall, midnight to midnight, ... inches.

Precipitation to ... a. m., ... ins.; to ... p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase, ...

Actual sunshine, hours, ...

Possible sunshine, hours, ...

Percentage of possible sunshine, ...

Prevailing direction, NE

Total movement, 114

Average hourly velocity, 5

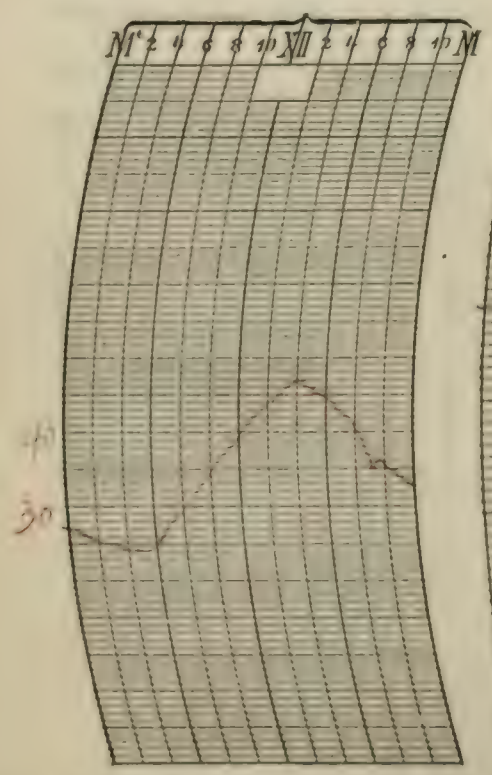
Maximum velocity,	Direction,	Time.
11	NE	[illegible]

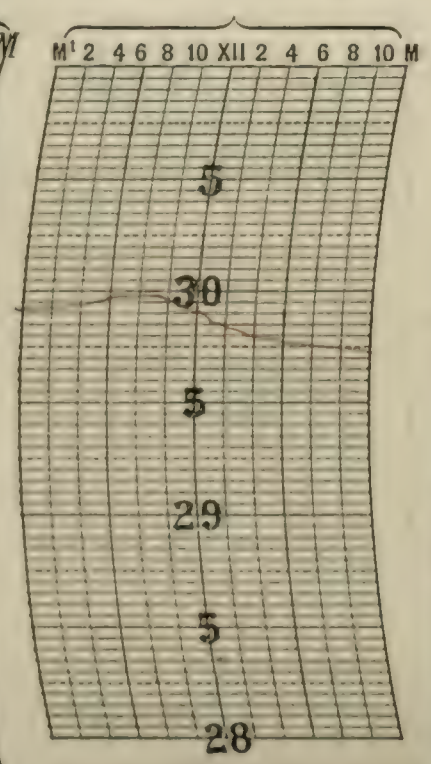
Relative humidity, ... a. m. ... p. m.

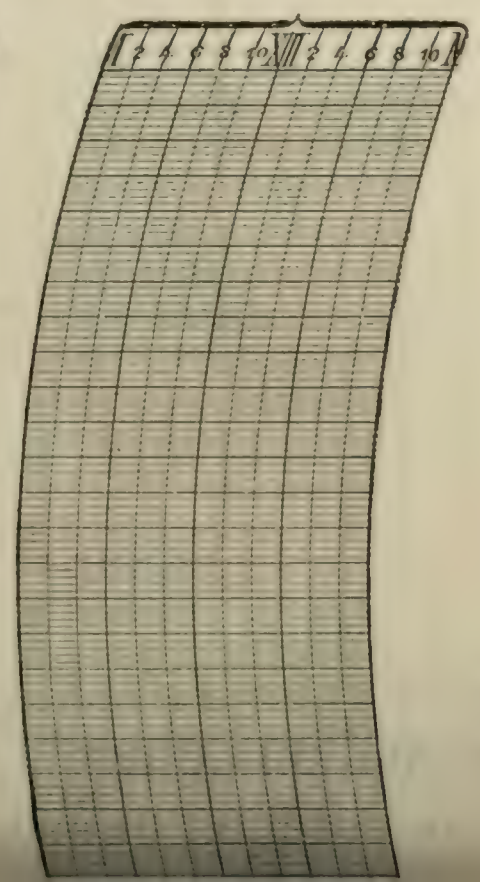
Reduced barometer 30.38 a. m. ... p. m.

River gage, 15.2 [illegible]

NOTES.







Prepared by

Verified by

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

LA SALLE, ILL. (Station) ....., (Day of week) Tues., (Date) MAR 14 1911, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	32	29	28	27	27	26	25	30	37	43	46	48
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	?	←	Foggy	→			← lt. fog →		Clear	→		
Sunrise: Time, Character,	6:09 Foggy											
Sunshine (in tenths of hours)							0.05	1.0	1.0	1.0	1.0	1.0
Wind direction	SE	SE	SE	SE	0	SE	SE	SE	SE	SW	SW	SW
Wind movement	1	1	1	1	0	1	2	1	2	8	8	12

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	50	52	53	54	53	50	47	44	42	39	37	35
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					moon visible							
Sunset: Time, Character,									6:01 Clear			
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	0.9	0	0	—				
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	W	W
Wind movement	13	15	16	16	15	12	11	8	9	11	16	15

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
54	25	40	36

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase, O Full 5:55 p

Actual sunshine, hours, 11.5

Possible sunshine, hours, 11.9

Percentage of possible sunshine, 97

Prevailing direction SW

Total movement, 195

Average hourly velocity, 8.1

Maximum velocity, 22 Direction, SW Time. 10:51

Relative humidity, 60 a. m. ..... p. m.

Reduced barometer, 30.25 a. m, ... p. m.

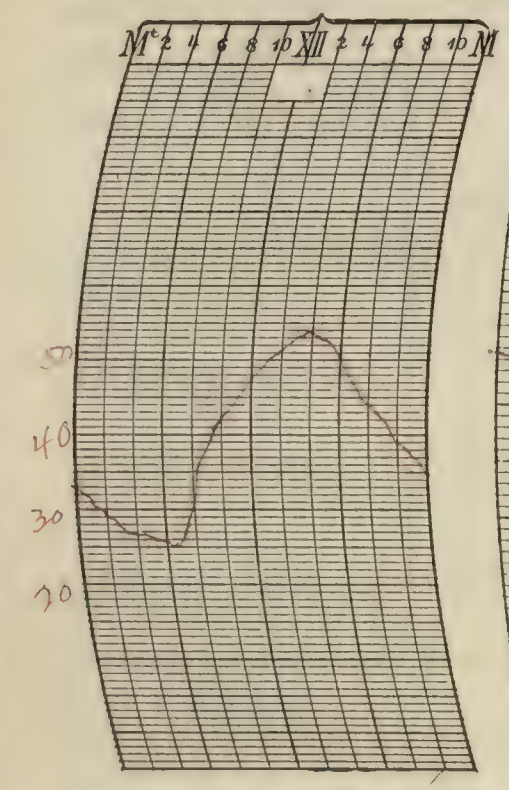
River gage, 16.2 Rising

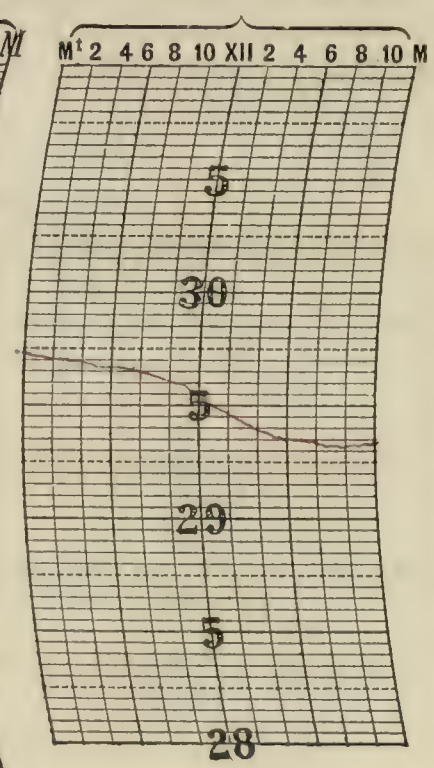
Maximum velocities (exceeding 25 miles)

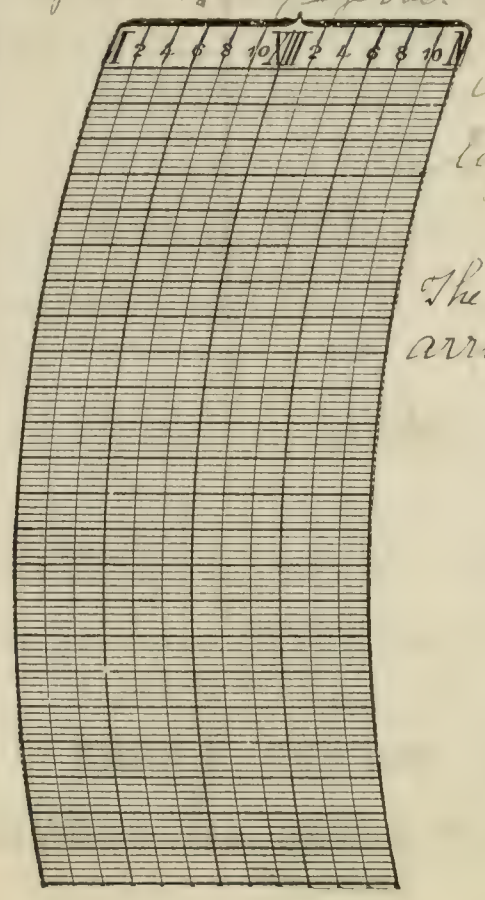
Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

°. Eye obs. ‡ Partly eye obs. (* Interpolated, see station memorandum p. 22).







NOTES.

A dense fog beginning 12 M., ended 6:30 am; light fog continued from 7:30 a. till 9 a. m.

The temperature fell rapidly after 6 pm, and a cold wave arrived during the night, following

Prepared by [illegible]

Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Wed., (Date) MAR 5 1913, 191

Time (local standard), 75th mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	33	31	29	27	25	24	22	20	19	19	20	20
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					Clear							
Sunrise: Time, Character	Sunrise 6:38 Clear											
Sunshine (in tenths of hours)							0	0.3	1.0	1.0	1.0	1.0
Wind direction	NW	W	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW
Wind movement	15	17	22	30	2	26	25	24	30	25	28	27
Maximum velocities (exceeding 25 miles)			36	42	51	50	2	32	34	33	33	37

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	19	19	19	18	18	17	17	16	16	16	15	15
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					Clear							
Sunset: Time, Character	Sunset 6:12 Clear											
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	0.8	0	0					
Wind direction	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW
Wind movement	28	28	25	24	21	20	15	11	8	7	7	6
Maximum velocities (exceeding 25 miles)	34	33	30	30	27							

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts.

* Eye obs. † Interpolated. ‡ Estimated.

..... hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
35	13	25	36

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 6 inches.

Total snowfall, midnight to midnight, 6 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear. Moon phase, ...

Actual sunshine, hours, 11.0

Possible sunshine, hours, 11.8

Percentage of possible sunshine, 93

Prevailing direction, NW

Total movement, 513

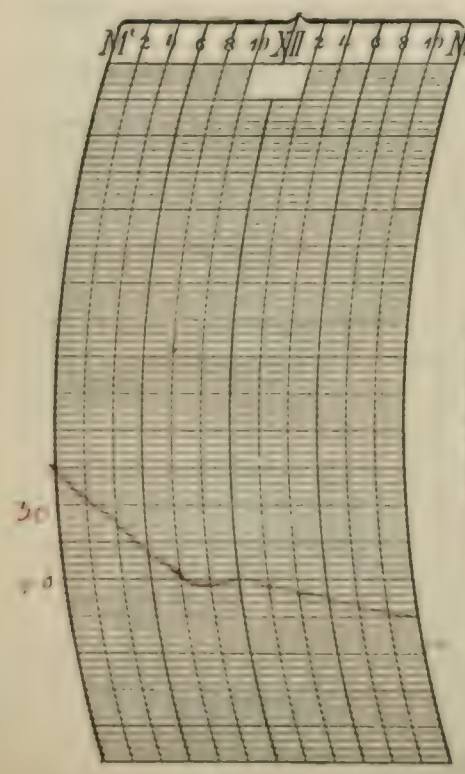
Average hourly velocity, 21.4

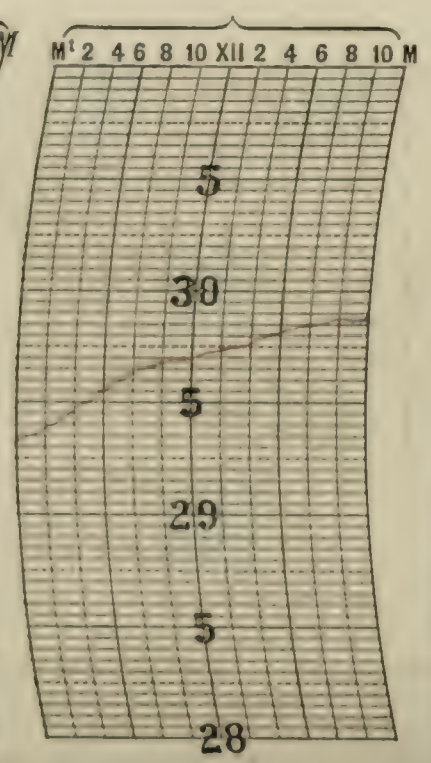
Maximum velocity.	Direction.	Time.
42	NW	3:45 a. m.

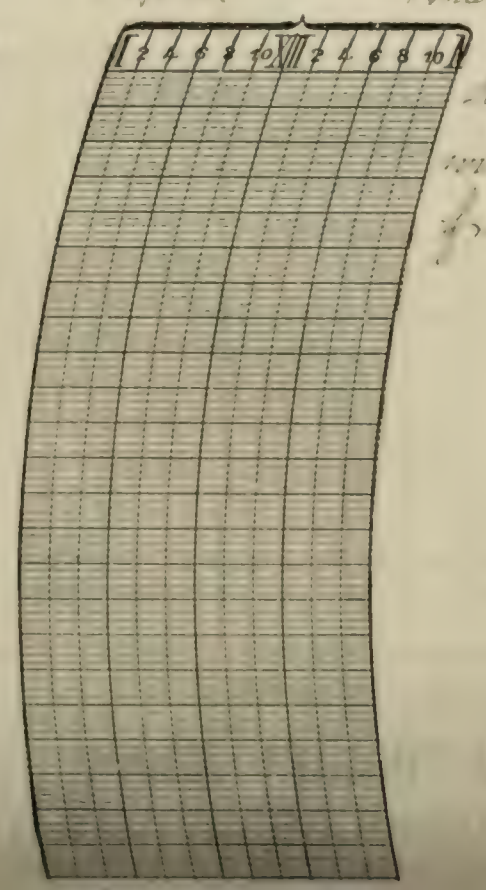
Relative humidity, 53 a. m. ..... p. m.

Reduced barometer, 30.05 a. m. ..... p. m.

River gage, Not reading







NOTES.

High northwest winds prevailed during the day with a maximum velocity of 42 miles per hour from the NW at 3:45 a.m.

Prepared by

Verified by

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

LA SALLE ILL

(Station) _____, (Day of week) Friday, (Date) _____, 191

Time (local standard), 75 mer.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	≠ 15	≠ 14	≠ 14	≠ 13	≠ 13	≠ 13	° 14	≠ 16	° 18	≠ 20	≠ 21	° 23	≠ 25	° 28	≠ 31	≠ 32	° 30	≠ 30	° 30	≠ 30	° 30	≠ 29	≠ 29	≠ 29
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions	← Clear →							← Cloudy →					Clear →		← SC →		← Cloudy →			Partly Cloudy	← Clear →			
Sunrise: Time, Character,	6:06 Clear																				Sunset: Time, Character, 6:03 Cloudy			
Sunshine (in tenths of hours)							.90 0	.03 0.7	0.4	0	0	1.0	1.0	1.0	1.0	0.7	0.3	0	0					
Wind direction	NW	W	W	W	W	W	W	W	W	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	S	S	SW	S
Wind movement	7	5	5	4	3	4	4	3	5	6	9	10	10	10	9	9	9	9	8	4	6	4	5	6
Maximum velocities (exceeding 30 miles)																								
Excessive precipitation, accumulated amounts																								

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

_____ hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
32	13	22	27

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Pt. Cldy. Moon phase, ✓

Actual sunshine, hours, 7.3

Possible sunshine, hours, 12.0

Percentage of possible sunshine, 61

Prevailing direction, SW

Total movement, 154

Average hourly velocity, 6.4

Maximum velocity,	Direction,	Time.
14	SW	1:05 p

Relative humidity, 67 a. m. _____ p. m.

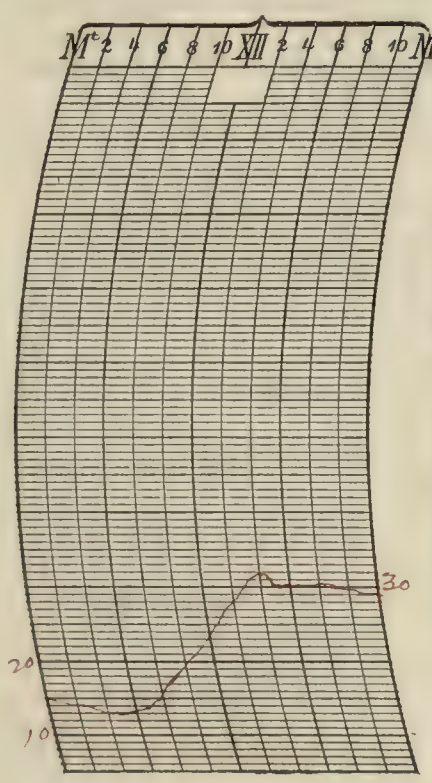
Reduced barometer, 30.48 a. m. _____ p. m.

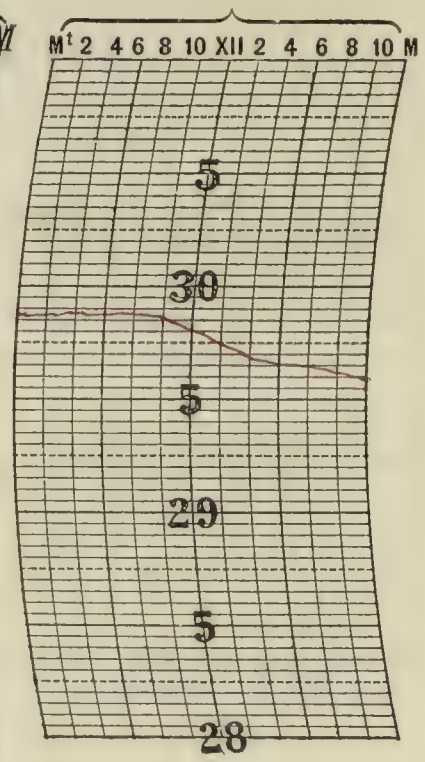
River gage, 16.7 fall 0.1 ft.

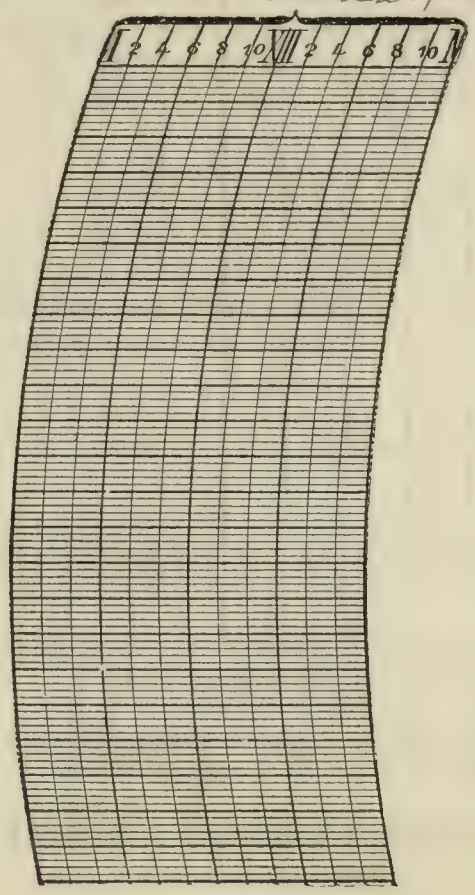
x Clouded up rapidly at 8 a.m.

° Eye obs.; ≠ Interpolated

NOTES.







Prepared by

Verified by O.M.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

MAR 7 1911

(Station) LASALLE, ILL., (Day of week) Tue, (Date) ....., 191

Time (local standard), 7 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	28	28	28	27	27	27	27	30	32	36	39	43	46	49	50	51	47	44	41	33	31	31	31	31
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions	4																							7
Sunshine (in tenths of hours)							0	0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0	0	0					
Wind direction	SE	SE	SE	SE	SE	SE	SE	SE	S	S	SW	SW	SW	SW	SW	W	NW	NW	NW	N	NW	NW	N	N
Wind movement	6	6	5	5	5	5	5	6	8	10	10	11	12	12	11	8	11	11	10	8	21	16	14	13
Maximum velocities (exceeding ..... miles)																					26			

Sunrise: Time, 6.04 Character, Clear

Sunset: Time, 5.5 Character, Cloudy

Excessive precipitation, accumulated amounts.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

..... hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
51	20	35	31

Total depth of snow for 24 hours ending ..... p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Pt Cldy. Moon phase .....

Actual sunshine, hours, 0.5

Possible sunshine, hours, 10.3

Percentage of possible sunshine, 5

Prevailing direction SE

Total movement, 241

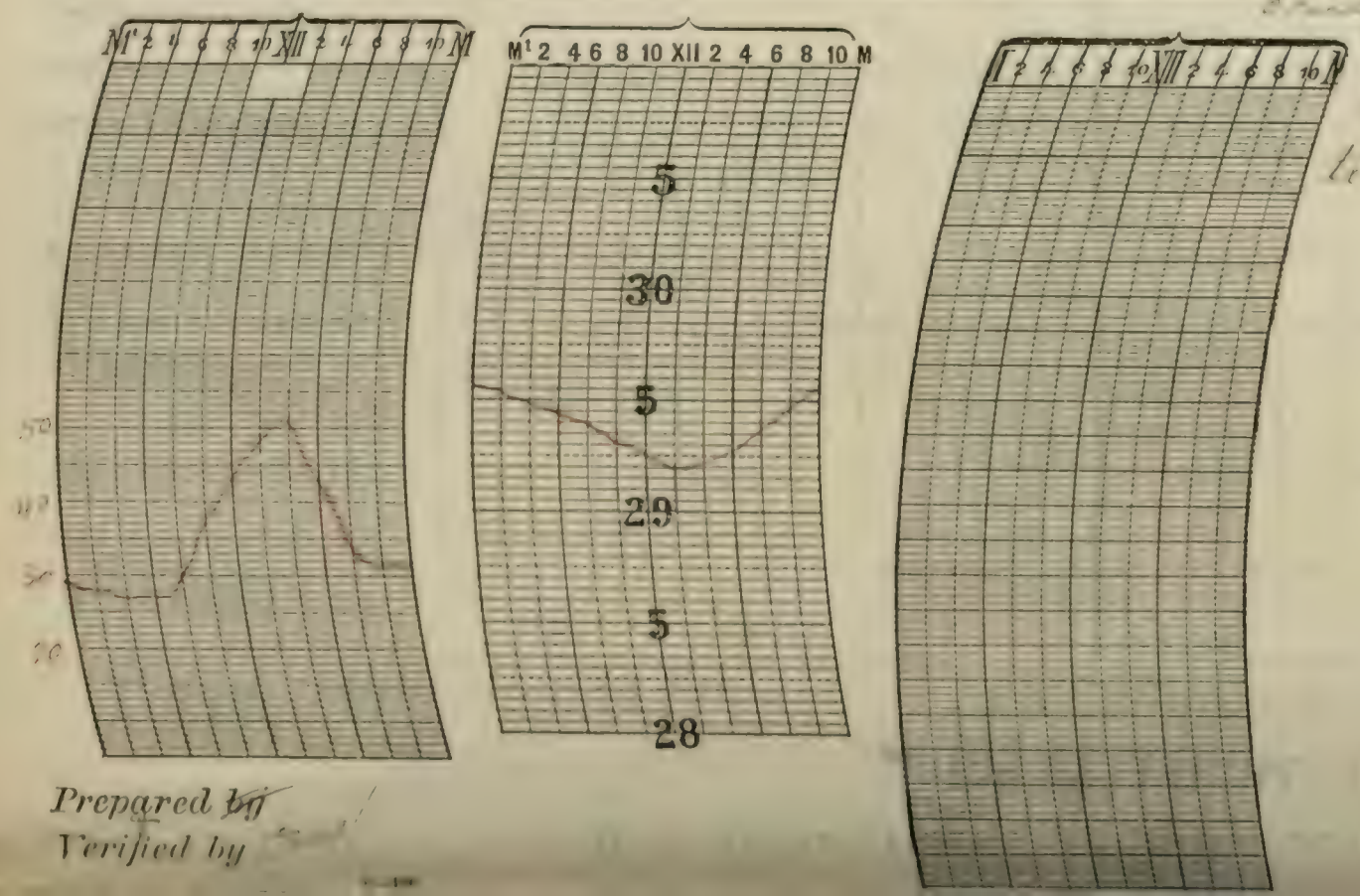
Average hourly velocity, 10.0

Maximum velocity.	Direction.	Time.
26	NW	2 p. m.

Relative humidity, 71 a. m. ..... p. m.

Reduced barometer, 30.25 a. m. ..... p. m.

River gage, 10.5 falling



NOTES.

A light frost — began 5 a.m., and continued till 8 p.m.

Prepared by

Verified by

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., *(Day of week)* Sat., *(Date)* 18, 191

Time (local standard), 90 mer.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	31	31	30	29	29	28	28	29	30	32	33	36	38	40	41	42	41	39	37	36	36	36	35	34
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions	Intermittent moonlight ← Pt. cldy → ← Cloudy → ← Clear																				Pt. cldy → ← Clear			
Sunrise: Time, 6.03; Character, Cloudy																					Sunset: Time, 6.06; Character, Clear			
Sunshine (in tenths of hours)							0	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	0	0					
Wind direction	N	NW	N	NE	N	N	N	NE	NE	SE	SE	S	SE	SW	S	S	S	SW	S	S	S	S	S	S
Wind movement	10	11	9	9	8	7	5	7	7	4	5	4	5	5	6	8	8	7	5	7	6	4	3	4
Maximum velocities (exceeding 30 miles)																								

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
43	28	35	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear 2 Moon phase,

Actual sunshine, hours, 10.3

Possible sunshine, hours, 12.0

Percentage of possible sunshine, 86

Prevailing direction S.

Total movement, 154

Average hourly velocity, 6.4

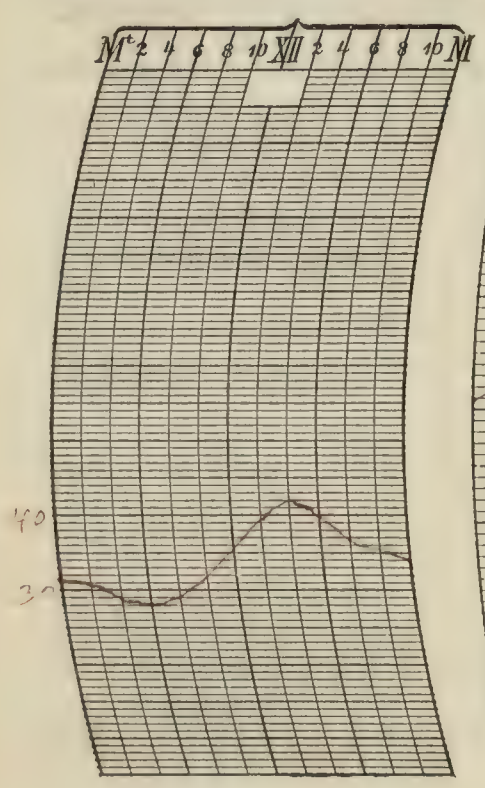
Maximum velocity,	Direction,	Time.
15	N	12:35

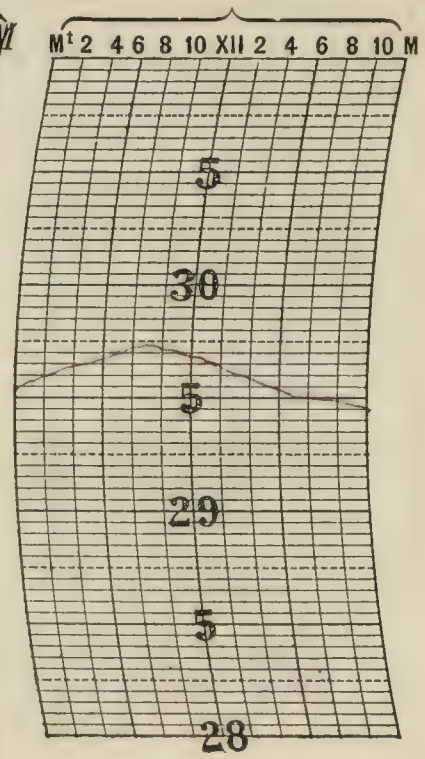
Relative humidity, 71 a. m. p. m.

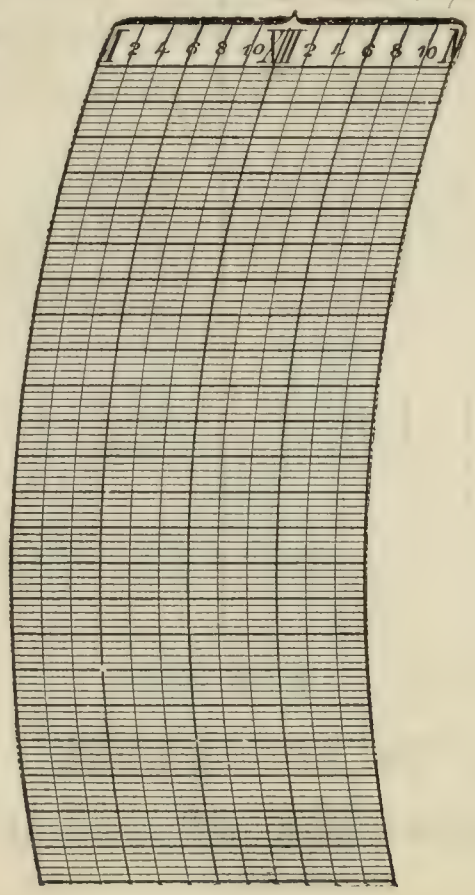
Reduced barometer, 30.29 a. m. p. m.

River gage, 15.9 falling

* Cleared rapidly after 9 a.







NOTES.

Prepared by
Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) LASALLE, ILL., (Day of week) Sunday, (Date) MAR 19 1911, 191

Time (local standard), 7 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	33	33	32	34	35	37	38	40	41	45	47	48
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions			Intermittent in morning									
			Cloudy									
Sunrise: Time, 6.01; Character, Cloudy												
Sunshine (in tenths of hours)							0	10			10	4
Wind direction	S	SW	SW	SW	SW	SW	SW	W	W	W	W	W
Wind movement	3	5	6	8	10	13	12	14	15	17	20	22
Maximum velocities (exceeding 22 miles)												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	50	51	51	52	52	51	49	47	44	42	43	42
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions												
Sunrise: Time, Character,									Sunset: Time, 6.07; Character, Clear			
Sunshine (in tenths of hours)	10	10	10	10	10	0	0					
Wind direction	W	W	W	W	W	W	W	W	SW	SW	W	SW
Wind movement	21	21	19	19	17	14	9	10	7	7	11	11
Maximum velocities (exceeding 22 miles)												

Excessive precipitation, accumulated amounts.	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean	Normal.
57	32		35

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., ins., to 7 p. m., ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear; Moon phase, 1

Actual sunshine, hours, 11.1

Possible sunshine, hours, 12

Percentage of possible sunshine, 93

Prevailing direction, W

Total movement, 271

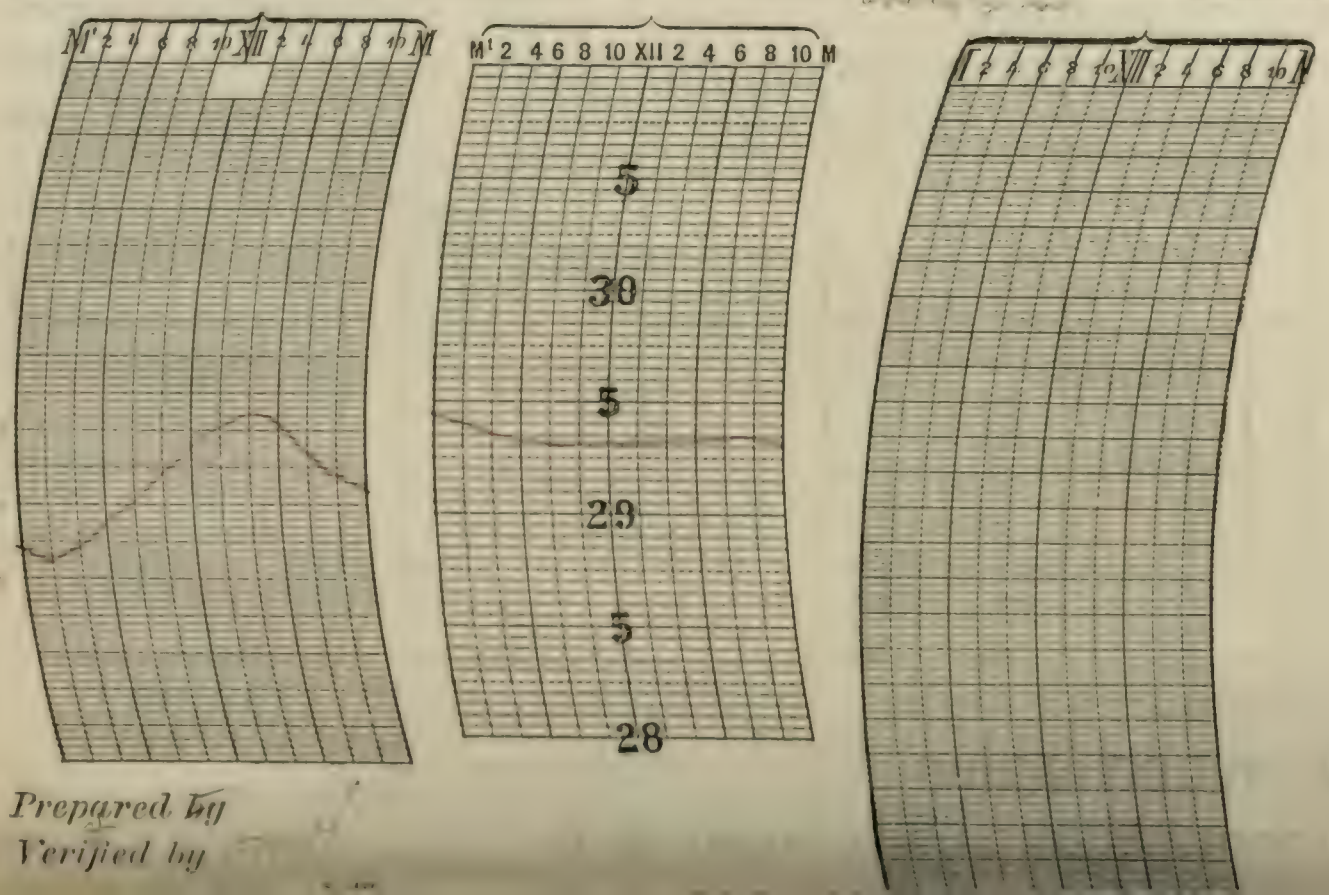
Average hourly velocity, 11.3

Maximum velocity,	Direction,	Time
22	NW	10 a. m.

Relative humidity, 61 a. m., p. m.

Reduced barometer, 29.52 a. m., p. m.

River gage, 15.7 falling



NOTES.

Prepared by

Verified by

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) _____, *(Day of week)* Monday, *(Date)* _____, 191

Time (local standard), 75 mer.

	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	43	40	44	47	44	41	34	42	48	51	53	56	58	60	61	63	62	61	59	53	51	50	48	43
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions	mon.				Clear												Clear							
Sunrise: Time, 5.59 Character, Clear																					Sunset: Time, 4.56 Character, Clear			
Sunshine (in tenths of hours)						0	0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0					
Wind direction	SW	SW	W	W	W	W	W	W	NW	NW	NW	NW	NW	W	W	W	W	W	W	W	W	W	W	W
Wind movement	11	7	13	13	13	11	9	10	15	12	10	9	10	11	12	12	11	7	4	2	2	1	1	2
Maximum velocities (exceeding 25 miles)																								

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
63	39	51	3

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear. Moon phase, ____

Actual sunshine, hours, 12.2

Possible sunshine, hours, 12.2

Percentage of possible sunshine, 100

Prevailing direction, W.

Total movement, 208

Average hourly velocity, 5.7

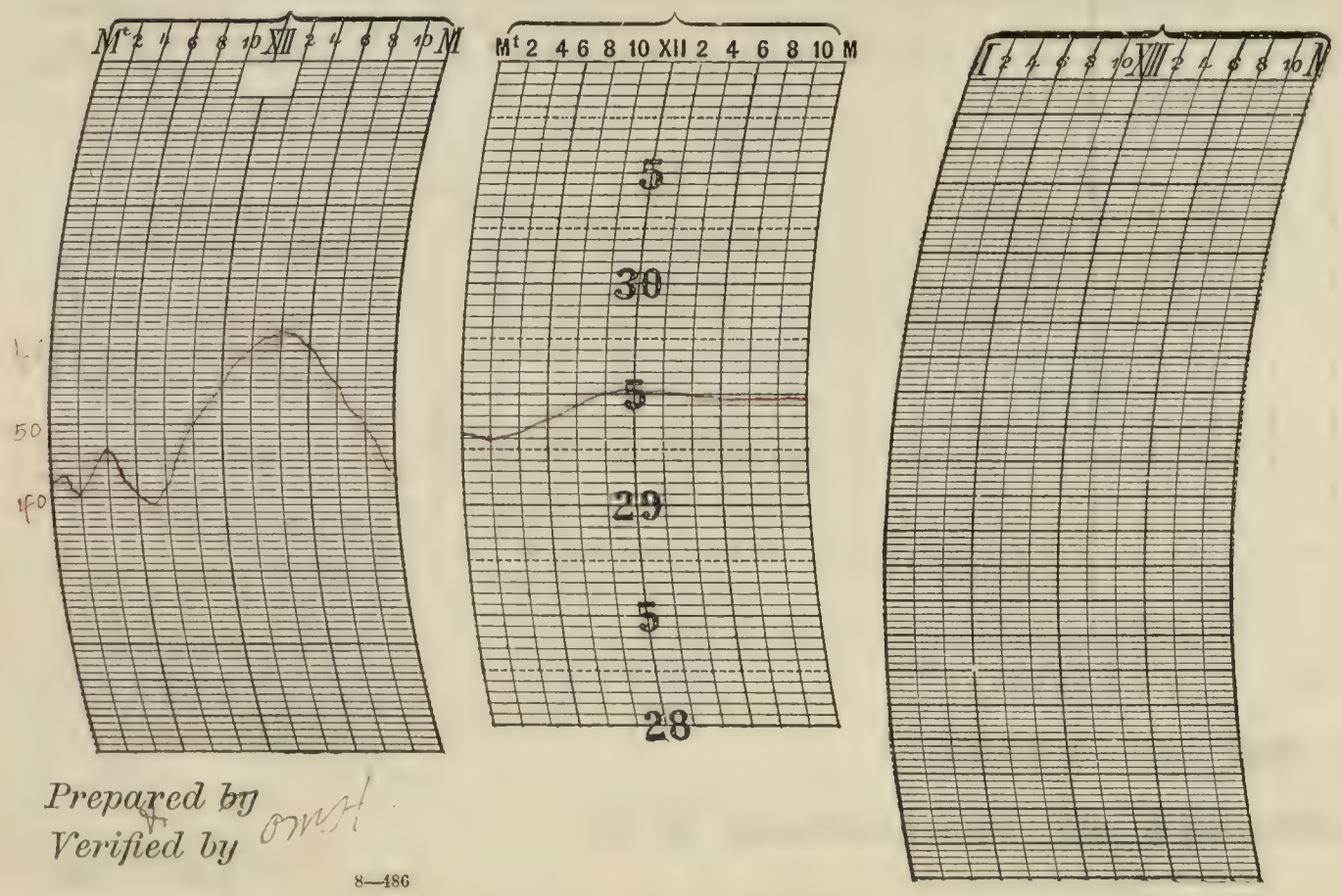
Maximum velocity,	Direction,	Time.
17	NW	8.50 a.m.

Relative humidity, 68 a. m. ____ p. m.

Reduced barometer, 30.01 a. m. ____ p. m.

River gage, 15.6 Falling.

NOTES.



Prepared by _____

Verified by _____

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) LASALLE, ILL., (Day of week) [illegible], (Date) MAR 2-1 1914 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	41	40	40	38	38	41	40	50	56	64	67	71
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					Clear					Pt. Cldy		
Sunrise: Time, 5:58 Character, Clear												
Sunshine (in tenths of hours)						0	0.1	1.0	1.0	1.0	1.0	1.0
Wind direction	N	N	N	N	N	S	S	SW	SW	SW	SW	SW
Wind movement	2	3	3	4	3	4	3	4	13	17	25	23
Maximum velocities (exceeding 32 miles)											24	32

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	73	74	75	74	72	69	[illegible]	63	64	63	62	59
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions							Cloudy					
Sunset: Time, 5:1 Character, Cloudy												
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	0.1	0	0					
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	W	W
Wind movement	25	22	22	21	16	14	9	10	7	4	1	4
Maximum velocities (exceeding 32 miles)	26	28		46								

Excessive precipitation, accumulated amounts.	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

[illegible] hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
[illegible]	[illegible]	[illegible]	[illegible]

Total depth of snow for 24 hours ending [illegible] p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, [illegible] inches.

Character of day, Pt Cldy Moon phase, [illegible]

Actual sunshine, hours, 10.1

Possible sunshine, hours, [illegible]

Percentage of possible sunshine, [illegible]

Prevailing direction, SW

Total movement, 266

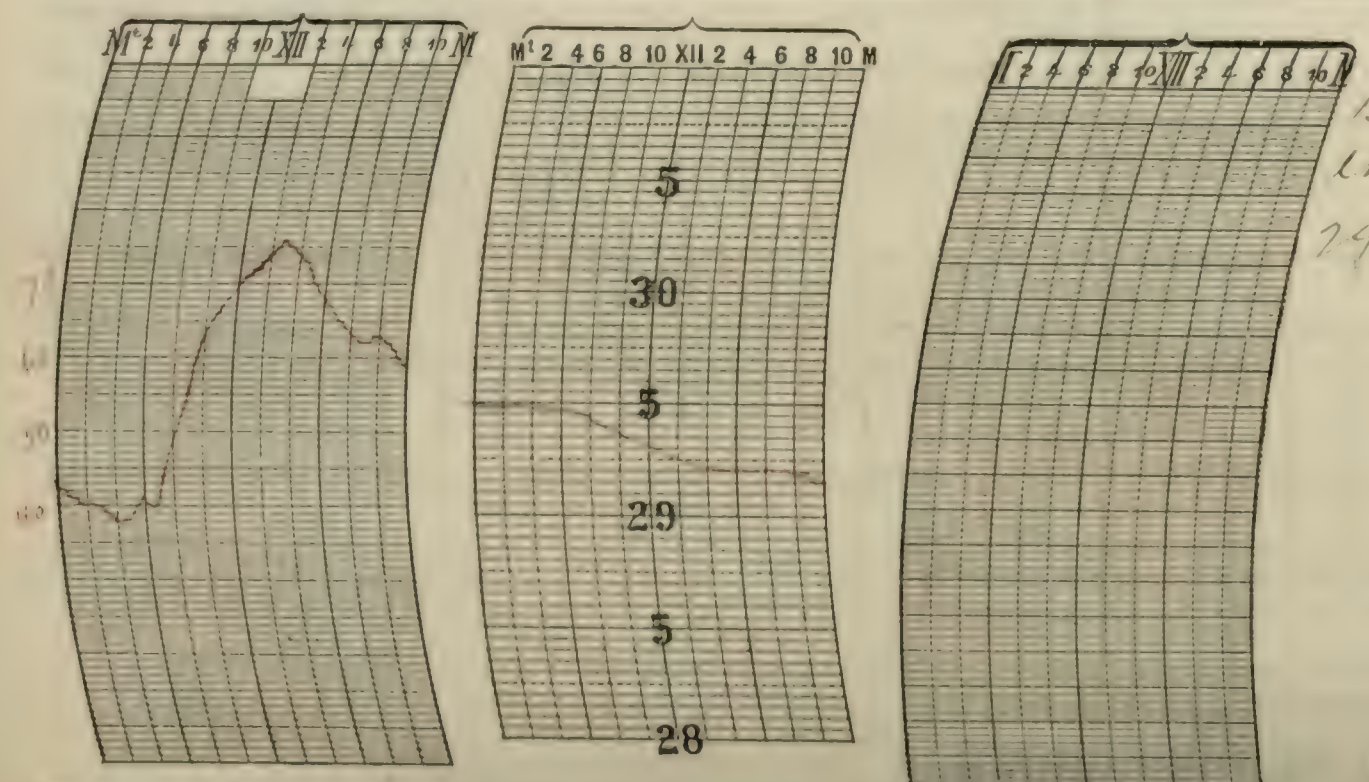
Average hourly velocity, 11.1

Maximum velocity,	Direction.	Time
46	SW	

Relative humidity, [illegible] a. m. [illegible] p. m.

Reduced barometer, 30.03 a. m. [illegible] p. m.

River gage, [illegible]



NOTES.

Brisk to high southwest winds prevailed throughout the day, with a maximum velocity of 74 miles per hour from southwest at 10:50 a.m.

Prepared by

Verified by

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LASALLE Ill., (Day of week) Wed., (Date) MAY 22, 191

Time (local standard) 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	58	55	54	53	50	46	46	47	48	48	48	49
Nature of precipitation and time of beginning and ending		RB, Ma.	–	–	–	R.E about 5:30						
Amounts of precipitation		.01	.02	T	.06	.03						
Cloudiness and other conditions		Intermittant moonlight Cloudy						Pc		Clear		
Sunrise: Time, Character,	5:56 Cloudy											
Sunshine (in tenths of hours)						0	0	ϕ1.0	1.0	1.0	1.0	1.0
Wind direction	W	W	O	W	NW	N	N	N	N	NW	NW	NW
Wind movement	8	2	0	3	5	15	14	17	15	19	20	22

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	50	51	52	52	51	48	46	42	39	37	35	35
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions												
Sunset: Time, Character,									6:10 Clear			
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	ϕ1.0	ϕ.4 ϕ.6	.7 0					
Wind direction	N	N	NW	N	N	N	N	NE	N	NE	NE	E
Wind movement	18	19	18	19	16	12	9	6	8	7	7	4

Maximum velocities (exceeding 25 miles)

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
59	33	42	41

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .12 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, .12 inches.

Character of day, Clear Moon phase, ☾ L.Q. 6:20 a.

Actual sunshine, hours,

Possible sunshine, hours, 12.9

Percentage of possible sunshine, 92

Prevailing direction N

Total movement, 285

Average hourly velocity, 11.9

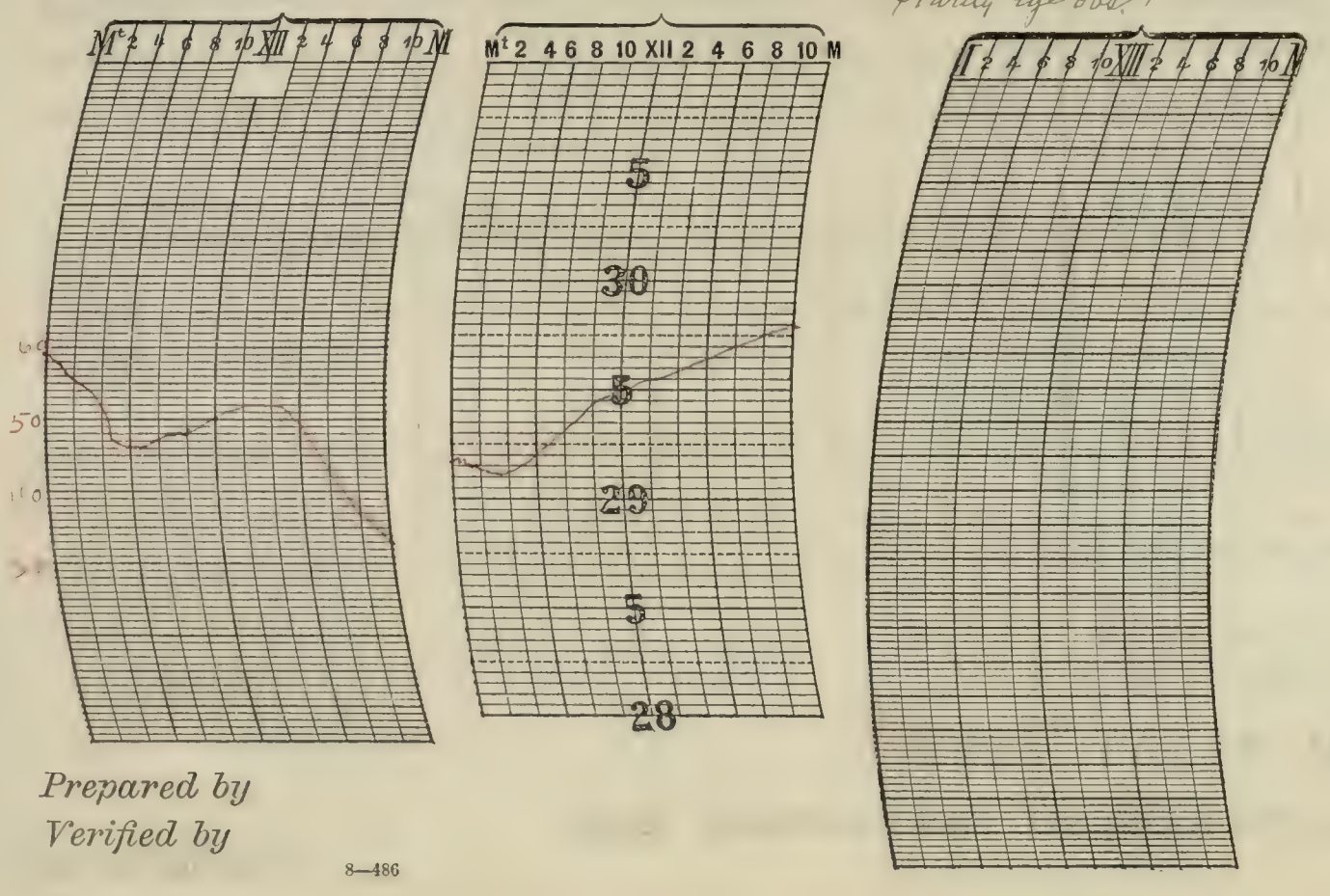
Maximum velocity,	Direction,	Time.
25	N	11:25

Relative humidity, 75 a. m. p. m.

Reduced barometer, 29.83 a. m. p. m.

River gage, 15.2 falling

ϕ Partly Eye obs.



NOTES.

Prepared by

Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LASALLE, ILL., (Day of week) Thursday, (Date) [illegible] 23 [illegible], 191

Time (local standard), 6 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	32	31	30	29	28	28	29	34	36	38	40	41
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation		snow			trace							
Cloudiness and other conditions	4				Clear							
Sunrise: Time, Character,	5.54 Clear											
Sunshine (in tenths of hours)						.10 0	08 0.2	1.0	1.0	1.0	1.0	1.0
Wind direction	E	E	W	NW	W	W	W	N	NE	NE	N	N
Wind movement	2	1	2	1	2	3	2	7	12	12	10	11

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	42	43	44	45	45	43	41	39	37	34	33	32
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	4				Clear							
Sunset: Time, Character,									6.11 Clear			
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	1.0	0.4 1.6	1.8 0					
Wind direction	N	N	N	N	N	N	N	N	NE	NE	NE	NE
Wind movement	12	11	12	1	10	1	3	1	2	1	3	3

Maximum velocities (exceeding 22 miles)

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
45	2	[illegible]	[illegible]

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., [illegible] hrs.; to 7 p. m., 0 hrs.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear. Moon phase, [illegible]

Actual sunshine, hours, [illegible]

Possible sunshine, hours, 12.3

Percentage of possible sunshine, [illegible]

Prevailing direction N

Total movement, [illegible]

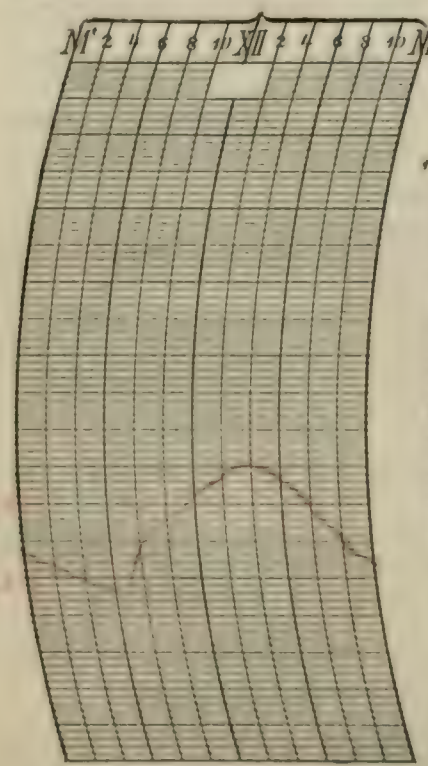
Average hourly velocity, [illegible]

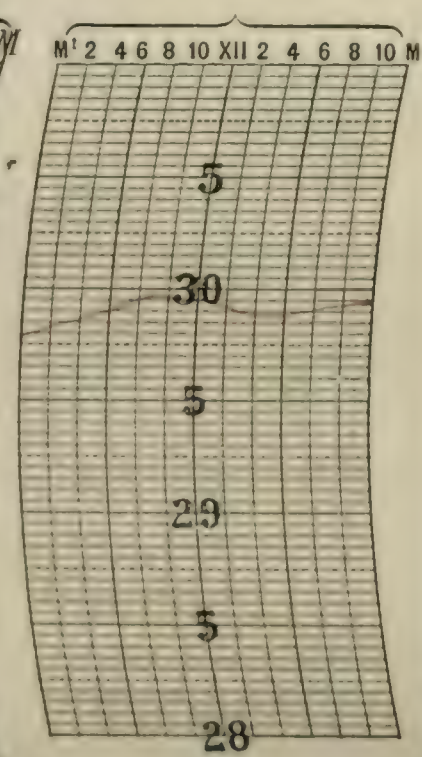
Maximum velocity,	Direction,	Time
15	N	7 a. m.

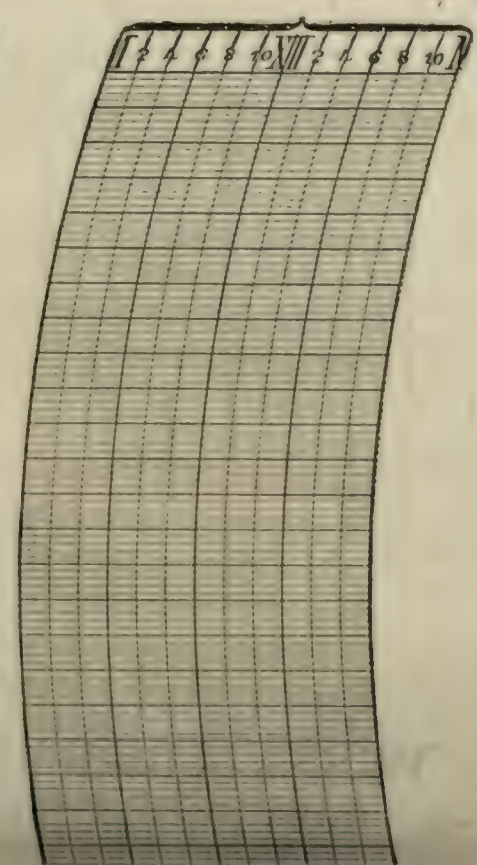
Relative humidity, [illegible] a. m. [illegible] p. m.

Reduced barometer, [illegible] a. m. [illegible] p. m.

River gage, [illegible]







NOTES.

Prepared by

Verified by [illegible]

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Fri., (Date) Mar 24 1911, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	31	30	30	29	27	26	28	33	39	42	45	[illegible]	49	50	50	50	51	49	46	43	42	38	36	35
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions		moon visible				Clear											Clear							
Sunshine (in tenths of hours)	Sunrise: Time, 5.53; Character, Clear					1.0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	1.0	1.0		Sunset: Time, 6.12; Character, Clear			
Wind direction	SE	S	S	S	S	SW	SE	SE	SE	SE	S	S	S	S	S	S	S	SE	SE	SE	SE	S	S	S
Wind movement	6	5	3	2	2	2	2	5	6	12	12	11	14	12	14	13	13	11	8	8	7	10	10	9
Maximum velocities (exceeding 25 miles)																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

/ hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
52	26	39	41

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase, ✓

Actual sunshine, hours, 12.3

Possible sunshine, hours, 12.3

Percentage of possible sunshine, 100

Prevailing direction S

Total movement, 198

Average hourly velocity, 8.2

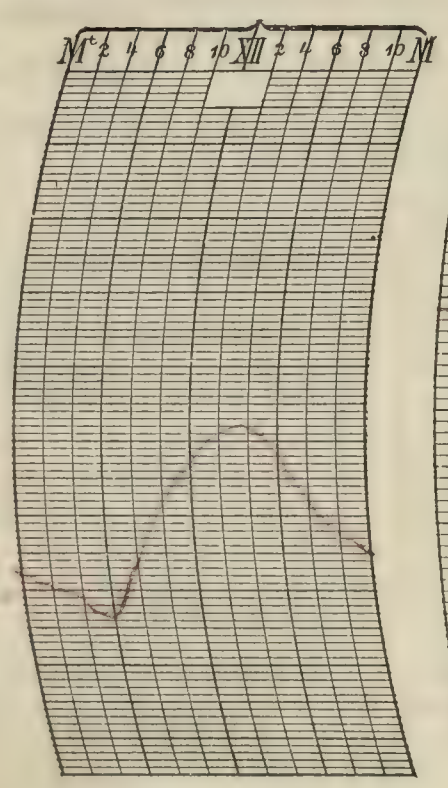
Maximum velocity,	Direction,	Time.
16	S	12.45 p.

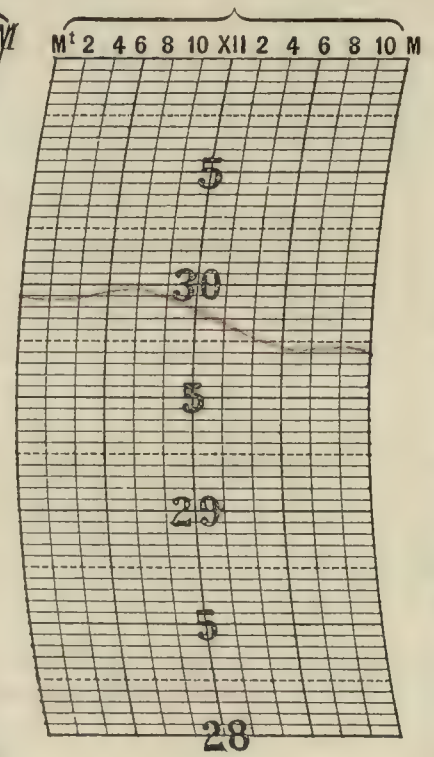
Relative humidity, 71 a. m. ____ p. m.

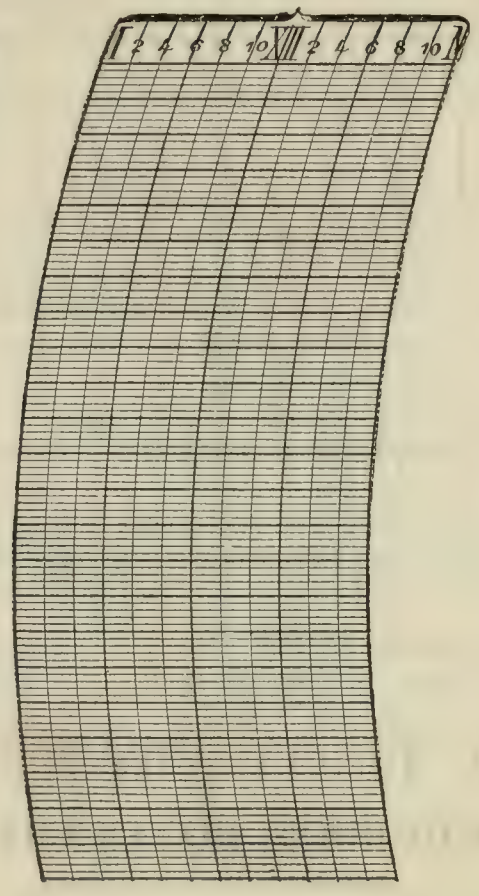
Reduced barometer, 30.56 a. m. ____ p. m.

River gage, 14.0 falling

NOTES.







Prepared by

Verified by

8—186

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LASALLE ILL, (Day of week) Sat, (Date) MAR 25 1911, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	31	33	33	32	32	31	32	37	45	51	55	60	63	65	66	[illegible]	[illegible]	62	[illegible]	57	57	52	55	55
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						Clear										Clear						Clear		
Sunshine (in tenths of hours)	Sunrise: Time, 5.51 Character, Clear					15 0	0	10	10	10	10	10	10	0	10	10	0	0 35	0		Sunset: Time, 6.03 Character, Cloudy			
Wind direction	S	S	S	SW	SW	S	SE	SE	S	S	S	SW	SW	SW	S	S	S	S	SE	SE	SE	SE	SE	SE
Wind movement	7	5	5	4	3	5	2	4	10	15	13	16	17	15	15	15	2	10	2	1	0	1	1	2
Maximum velocities (exceeding 25 miles)																								

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

* Interpolated. ° Eye obs. † Partly Eye obs.

	Maximum.	Minimum.	Mean.	Normal.
	[illegible]	[illegible]	[illegible]	[illegible]

[illegible] hours slower than 75th meridian time.

Total depth of snow for 24 hours ending [illegible] p. m., [illegible] inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, [illegible] inches.

Precipitation to [illegible] a. m., [illegible] ins.; to [illegible] p. m., [illegible] ins.

Total precipitation, midnight to midnight, [illegible] inches.

Character of day, [illegible] Moon phase, [illegible]

Actual sunshine, hours, [illegible]

Possible sunshine, hours, [illegible]

Percentage of possible sunshine, [illegible]

Prevailing direction, S

Total movement, [illegible]

Average hourly velocity, [illegible]

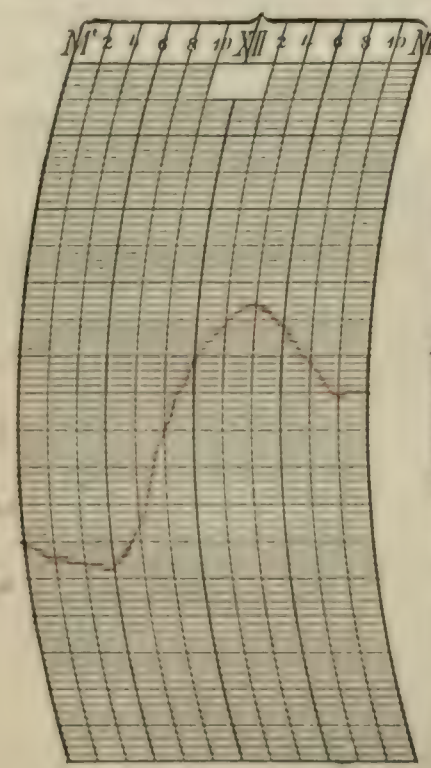
Maximum velocity,	Direction,	Time.
[illegible]	SW	[illegible]

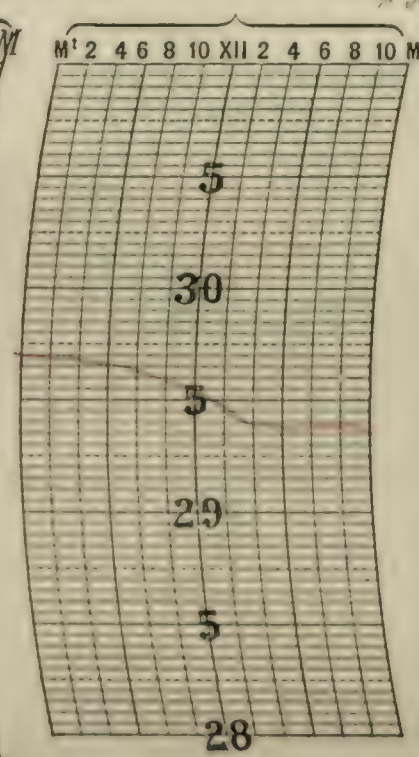
Relative humidity, [illegible] a. m. [illegible] p. m.

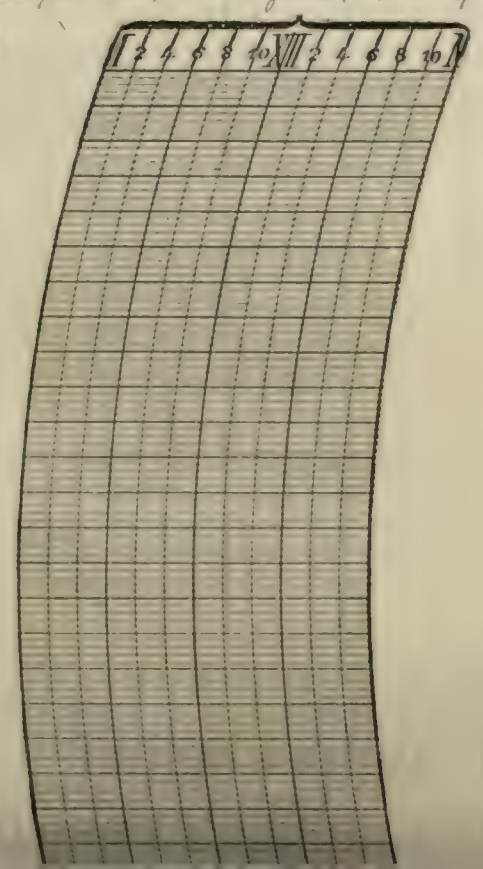
Reduced barometer, [illegible] a. m. [illegible] p. m.

River gage, [illegible]

NOTES. [illegible]







Prepared by

Verified by

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

LA SALLE, ILL.

(Station) _____, (Day of week) Sunday, (Date) _____, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	55	55	56	57	56	52	49	48	48	49	48	48
Nature of precipitation and time of beginning and ending						R.B. about 5 a.m.	–					
Amounts of precipitation						T	.05	.08	.09	.02	.01	.05
Cloudiness and other conditions					Cloudy							
Sunshine (in tenths of hours)						0	0	0	0	0	0	0
Wind direction	SE	S	S	S	S	S	S	SE	SE	SE	SE	SE
Wind movement	10	8	9	14	11	15	13	11	15	15	15	13

Sunrise: Time, 5:49 Character, Cloudy

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	48	48	49	51	53	52	51	52	53	52	53	52
Nature of precipitation and time of beginning and ending				R.B. 5:15	R.B. 4:42		R.E. 6:33					
Amounts of precipitation				T	T	T	T					
Cloudiness and other conditions				Cloudy					10:00 p.m. Clear			
Sunshine (in tenths of hours)						0						
Wind direction	SE	SE	S	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	12	9	9	10	11	12	9	9	12	14	15	13

Sunset: Time, 6:14 Character, Cloudy

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

_____ hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
57	48	52	49

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .04 ins.; to 7 p. m., .31 ins.

Total precipitation, midnight to midnight, .30 inches.

Character of day, Cloudy 10 Moon phase, ✓

Actual sunshine, hours, 0

Possible sunshine, hours, 12.4

Percentage of possible sunshine, 0

Prevailing direction, SW

Total movement, 289

Average hourly velocity, 12.0

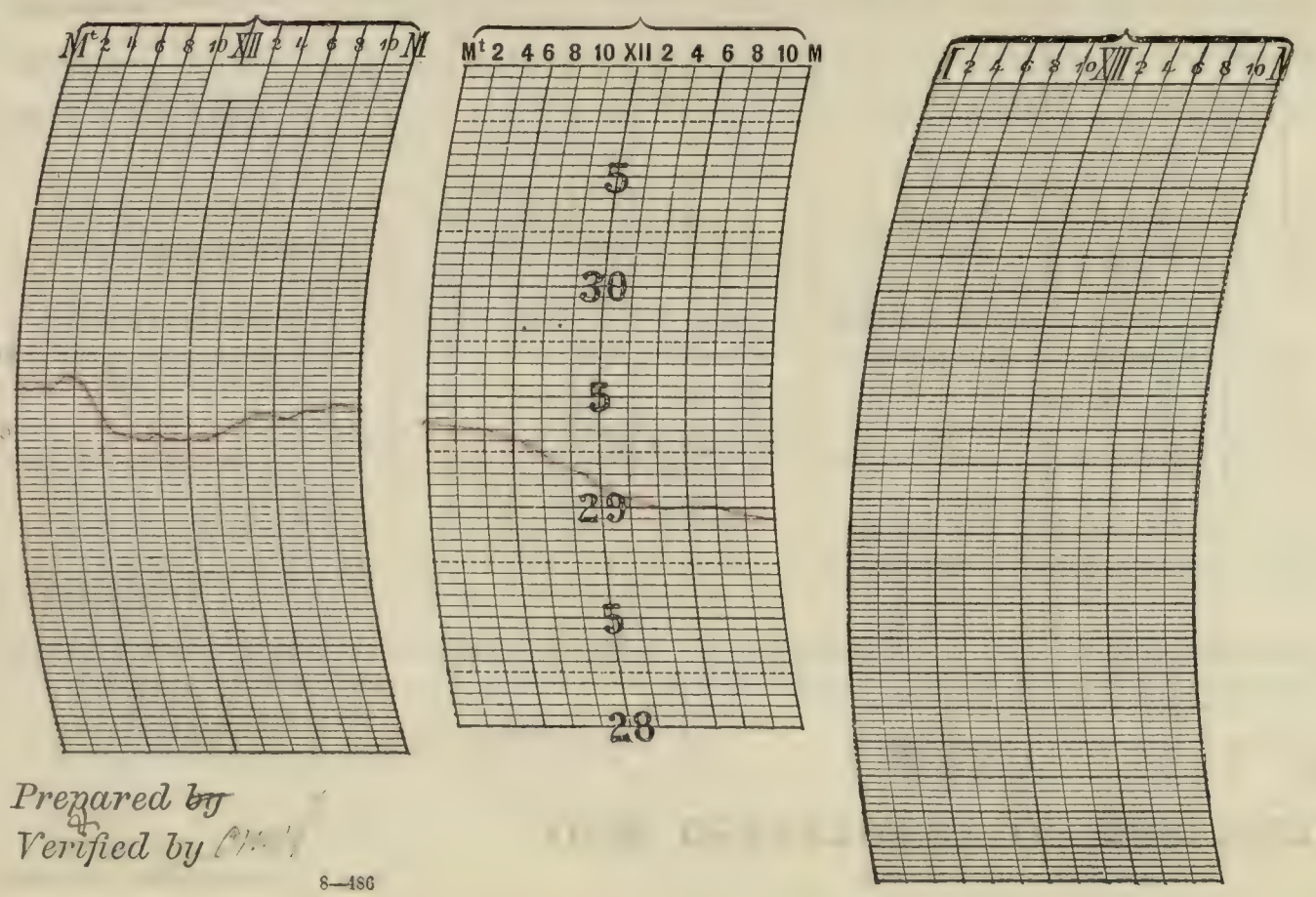
Maximum velocity,	Direction,	Time.
21	S	5:41 a

Relative humidity, 95 a. m. _____ p. m.

Reduced barometer, 29.56 a. m. _____ p. m.

River gage, 14.6 falling

NOTES.



Prepared by _____

Verified by _____

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

LA SALLE, ILL. (Station) ....., (Day of week) Mond, (Date) MAR 27 1911 ....., 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	52	50	46	43	37	32	30	28	26	25	24	25
State of weather: Nature of precipitation and time of beginning and ending	Sm 3 Hma						Sm 6:20	Sm 7:15				
Amounts of precipitation	2			.05			T	T	T	T	T	T
Cloudiness and other conditions	2				Cloudy							2
Sunrise: Time, Character, 5:14 S Cloudy												
Sunshine (in tenths of hours)						0	0	0	0	0	0	0
Wind direction	SW	SW	SW	SW	W	W	W	W	W	W	W	W
Wind movement	15	20	19	23	21	24	26	27	23	26	24	22
Maximum velocities (exceeding 25 miles)				29	30	29	31	30	29	30	30	29

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	24	25	25	27	28	29	30	30	29	28	27	27
State of weather: Nature of precipitation and time of beginning and ending						Sl 0.44						
Amounts of precipitation	T	T	T	T	T	T						
Cloudiness and other conditions					Cloudy							
Sunset: Time, Character, 6:05 Cloudy												
Sunshine (in tenths of hours)	0.1	0.1	0	0	0	0	0					
Wind direction	W	W	W	W	W	W	W	NW	NW	NW	NW	NW
Wind movement	27	25	24	22	21	20	21	13	16	14	12	11
Maximum velocities (exceeding 25 miles)	29	30	30	27								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
53	24	36	43

Total depth of snow for 24 hours ending 7 p. m., 0.5 inches.

Snow on ground 7 p. m., 6 inches.

Total snowfall, midnight to midnight, ... inches.

Precipitation to 7 a. m., 0.05 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, ... inches.

Character of day, Warmer Moon phase, ...

Actual sunshine, hours, 0.2

Possible sunshine, hours, 13.4

Percentage of possible sunshine, 2

Prevailing direction, W

Total movement, 500

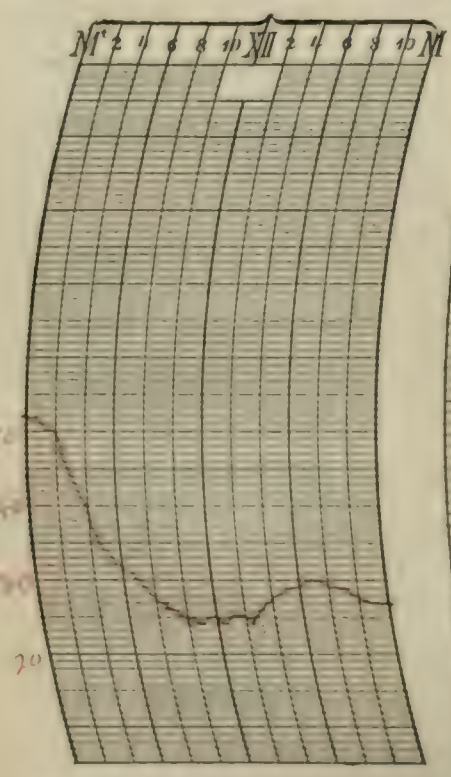
Average hourly velocity, 21.8

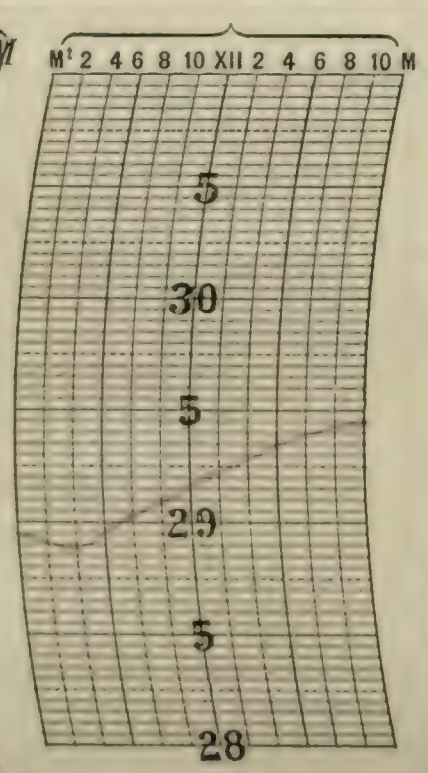
Maximum velocity,	Direction,	Time.
31	W	2

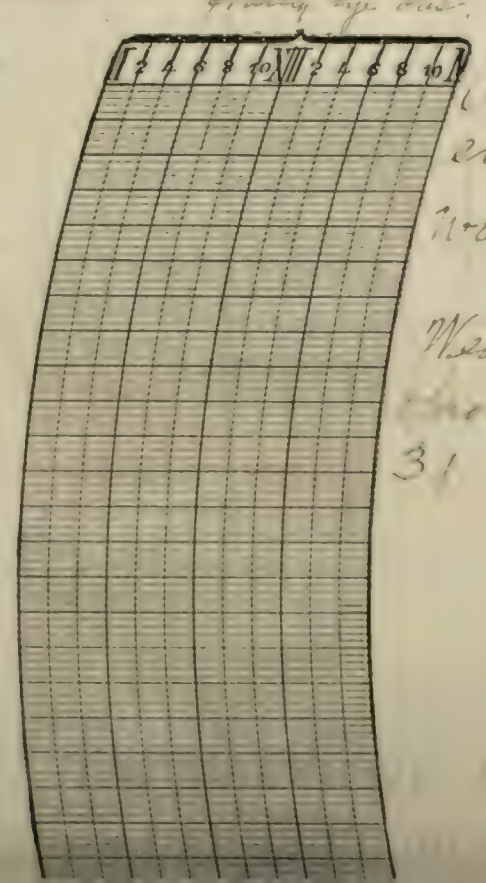
Relative humidity, 7 a. m. ..... p. m.

Reduced barometer, 29.05 a. m. ..... p. m.

River gage, ... Flowing over dam.







NOTES.

(1) Cold wave warning issued from Washington on evening of 26th, was received 8:00 a.m. Flag was hoisted evening to date, receipt of warning.

Weather quite cloudy and cold, with light snow throughout the day. Temperature varied slowly 31 miles for hour from West at 7 a.m.

Prepared by

Verified by

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

LA SALLE, ILL.

(Station) ....., *(Day of week)* Tues....., *(Date)* 28....., 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	26	26	25	25	24	23	24	26	28	29	31	33	36	38	40	40	41	40	39	33	32	31	31	30
State of weather: Nature of precipitation and time of beginning and ending																				R.B. 7:10	R.F. & mist 9:35			
Amounts of precipitation																				T	T			
Cloudiness and other conditions						Clear				Pt. Cldy						Cloudy								
Sunrise: Time, 5:40 Character, Clear																					Sunset: Time, 6:16 Character, Cloudy			
Sunshine (in tenths of hours)						0	0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	0	0	0					
Wind direction	NW	NW	NW	NW	N	NE	E	E	E	E	E	E	E	E	E	E	E	E	NE	NE	NE	NE	NE	NE
Wind movement	11	9	9	5	4	4	5	6	6	7	6	9	11	11	13	13	12	13	12	11	16	15	15	15
Maximum velocities (exceeding 25 miles)																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
41	23	32	40

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Pt. Cldy. Moon phase, ✓

Actual sunshine, hours, 9.7

Possible sunshine, hours, 12.5

Percentage of possible sunshine, 78

Prevailing direction E

Total movement, 243

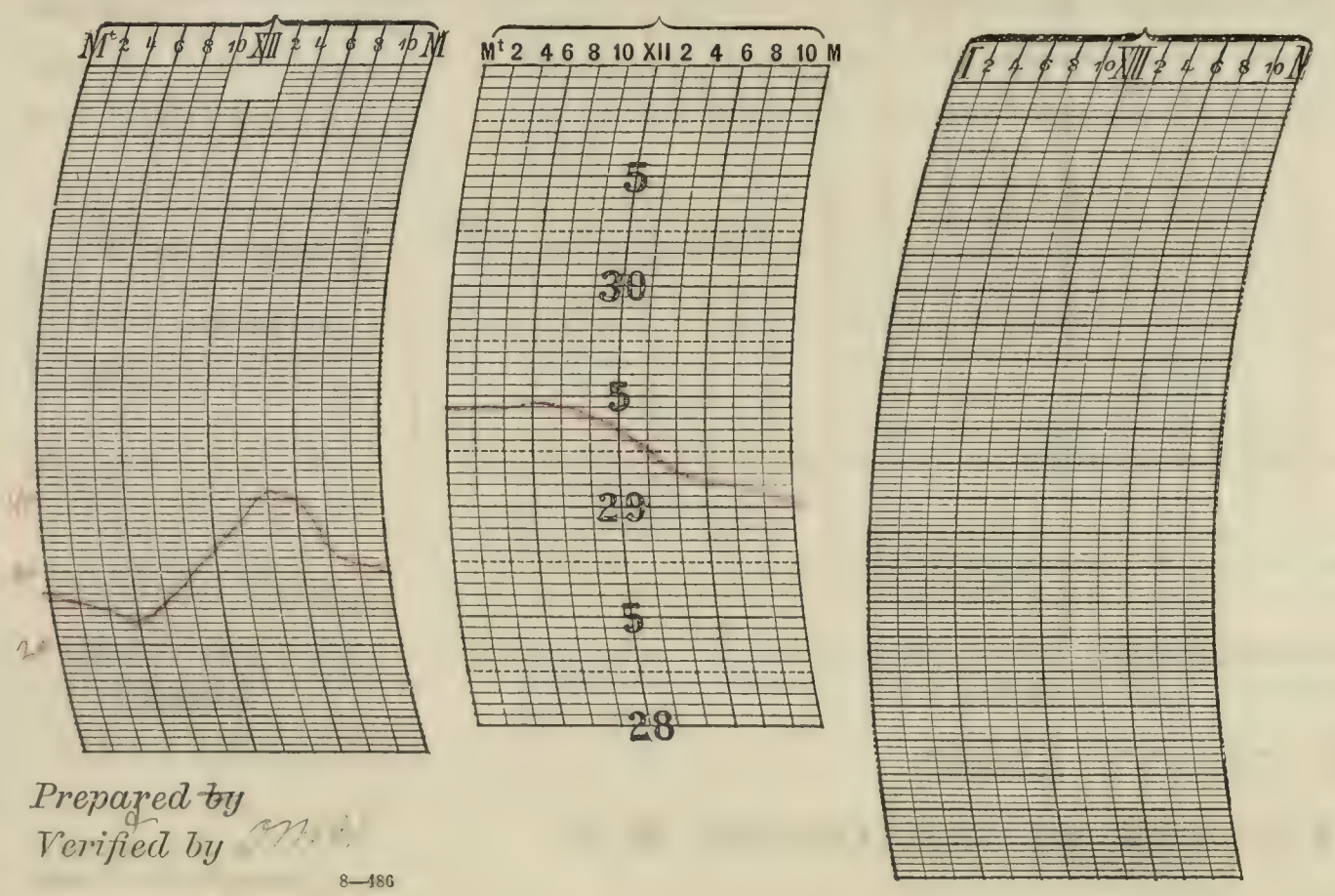
Average hourly velocity, 10.1

Maximum velocity,	Direction,	Time.
20	NE	8:25 p.

Relative humidity, 51 a. m. ..... p. m.

Reduced barometer 30.06 a. m. ..... p. m.

River gage, 14.6 falling



NOTES.

Prepared by

Verified by M.

8—486

Form No. 1011—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Wed., (Date) MAR 29 1911, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	30	30	31	32	31	31	31	32	33	35	37	38
State of weather: Nature of precipitation and time of beginning and ending												S 12 3
Amounts of precipitation												1.40
Cloudiness and other conditions	6			Cloudy								→
Sunshine (in tenths of hours)						0	0	0	0.1	0	0.1	0
Wind direction	NE	NE	NE	NE	N	N	N	NW	W	W	W	W
Wind movement	13	12	12	9	5	6	5	5	5	6	6	10

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	34	36	41	45	44	43	40	36	35	35	36	37
State of weather: Nature of precipitation and time of beginning and ending	--	S m. E 1.08					R 8. 6.28 T 6.44					
Amounts of precipitation	T	T					.03					
Cloudiness and other conditions	←	Cloudy	→	P.C.	→	Cldy	→		Clear			→
Sunshine (in tenths of hours)	0	0.3	0.5	0.5	0.4	0.5	0					
Wind direction	W	W	W	NW	NW	W	W	W	W	W	W	W
Wind movement	10	12	16	18	16	13	12	10	11	13	14	16
Maximum velocities (exceeding 25 miles)				30								

Sunrise: Time, 5.44 Character, Cloudy

Sunset: Time, 6.17 Character, Cloudy

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
45	30	38	45

Total depth of snow for 24 hours ending 7 p. m., T inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, T inches.

Precipitation to — a. m., T ins.; to 7 p. m., 0.3 ins.

Total precipitation, midnight to midnight, 0.3 inches.

Character of day Cloudy. Moon phase.

Actual sunshine, hours, 2.4

Possible sunshine, hours,

Percentage of possible sunshine,

Prevailing direction NW

Total movement, 253

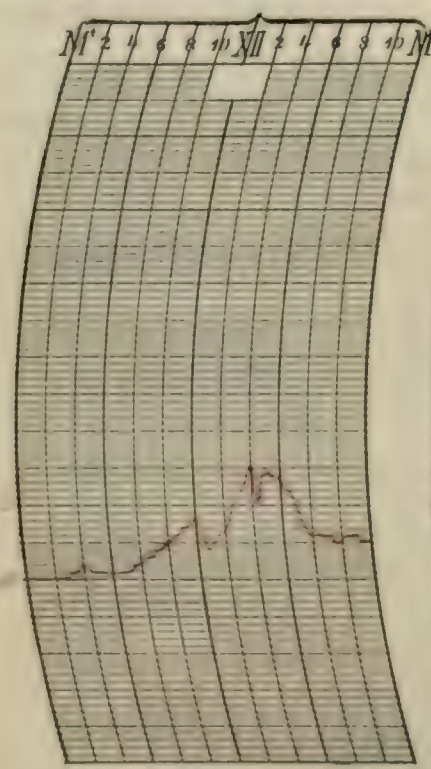
Average hourly velocity, 10.6

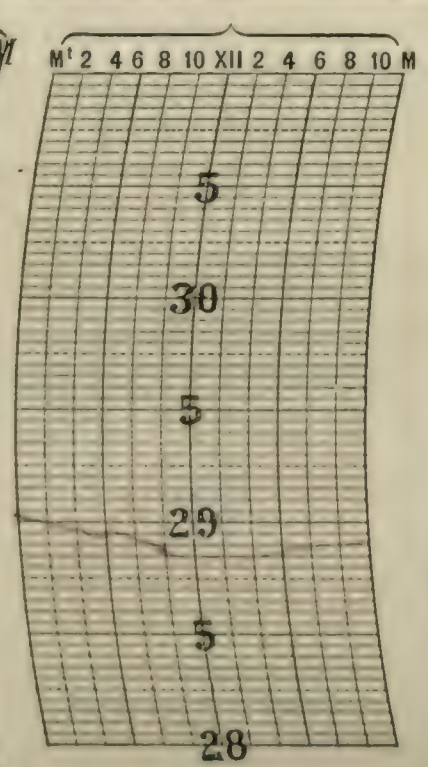
Maximum velocity,	Direction,	Time
30	NW	2.55 p

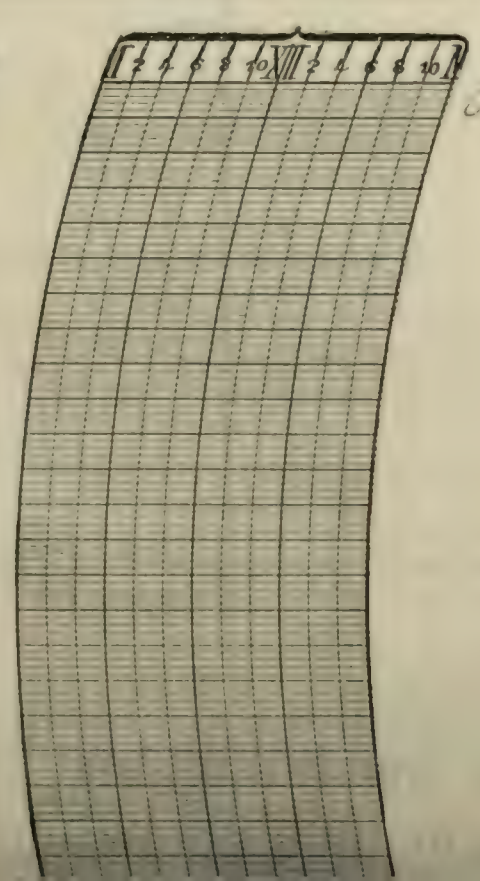
Relative humidity, 6 a. m. p. m.

Reduced barometer, 28.52 a. m. p. m.

River gage, 10.5 falling







NOTES.

A rainbow was observed on the east at 5 p.m.

Prepared by

Verified by

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Thurs, (Date) 30, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	34	33	33	32	32	31	32	31	32	32	33	34
	Sd B.	Sd E					Sd B.			Sd E		Sd B. 11:22 Sd E 11:31
State of weather. Nature of precipitation and time of beginning and ending	Lo Ra	Lo Ra					6:55	—	—	9:20		
Amounts of precipitation	T	T					T	T	T	T		T
Cloudiness and other conditions	—	—	Cloudy				PC	—	Cloudy			

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	34	35	36	37	37	35	34	34	33	32	31	30
	Sd B. 12:25			Sd E								
State of weather. Nature of precipitation and time of beginning and ending		—	—	3:12								
Amounts of precipitation	T	T	T	T								
Cloudiness and other conditions						*	—	Clear				

Sunrise: Time, 5:43 Character, Cloudy

Sunset: Time, 6:18 Character, Clear

	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)						0	0.1	0.1	0.1	0	0.3	0.1
Wind direction	W	W	W	W	NW	NW	NW	NW	NW	NW	NW	NW
Wind movement	17	18	17	17	19	19	17	21	20	20	18	18
Maximum velocities (exceeding 25 miles)												

	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)	0.3	0.3	0	0	0	0.5	0.3					
Wind direction	NW	NW	NW	NW	NW	W	W	W	W	W	W	W
Wind movement	18	17	17	16	15	15	8	8	6	5	5	6
Maximum velocities (exceeding 25 miles)												

Maximum.	Minimum.	Mean.	Normal.
37	30	34	43

Total depth of snow for 24 hours ending 7 p. m., T inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, T inches.

Precipitation to 7 a. m., T ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, T inches. None.

Character of day, Cloudy. Moon phase, ☽ 6:38 a.

Actual sunshine, hours, 2.2

Possible sunshine, hours, 12.6

Percentage of possible sunshine, 17

Prevailing direction, NW

Total movement, 357

Average hourly velocity, 14.9

Maximum velocity,	Direction,	Time.
25	NW	7:45 p. m.

Relative humidity, 89 a. m. ____ p. m.

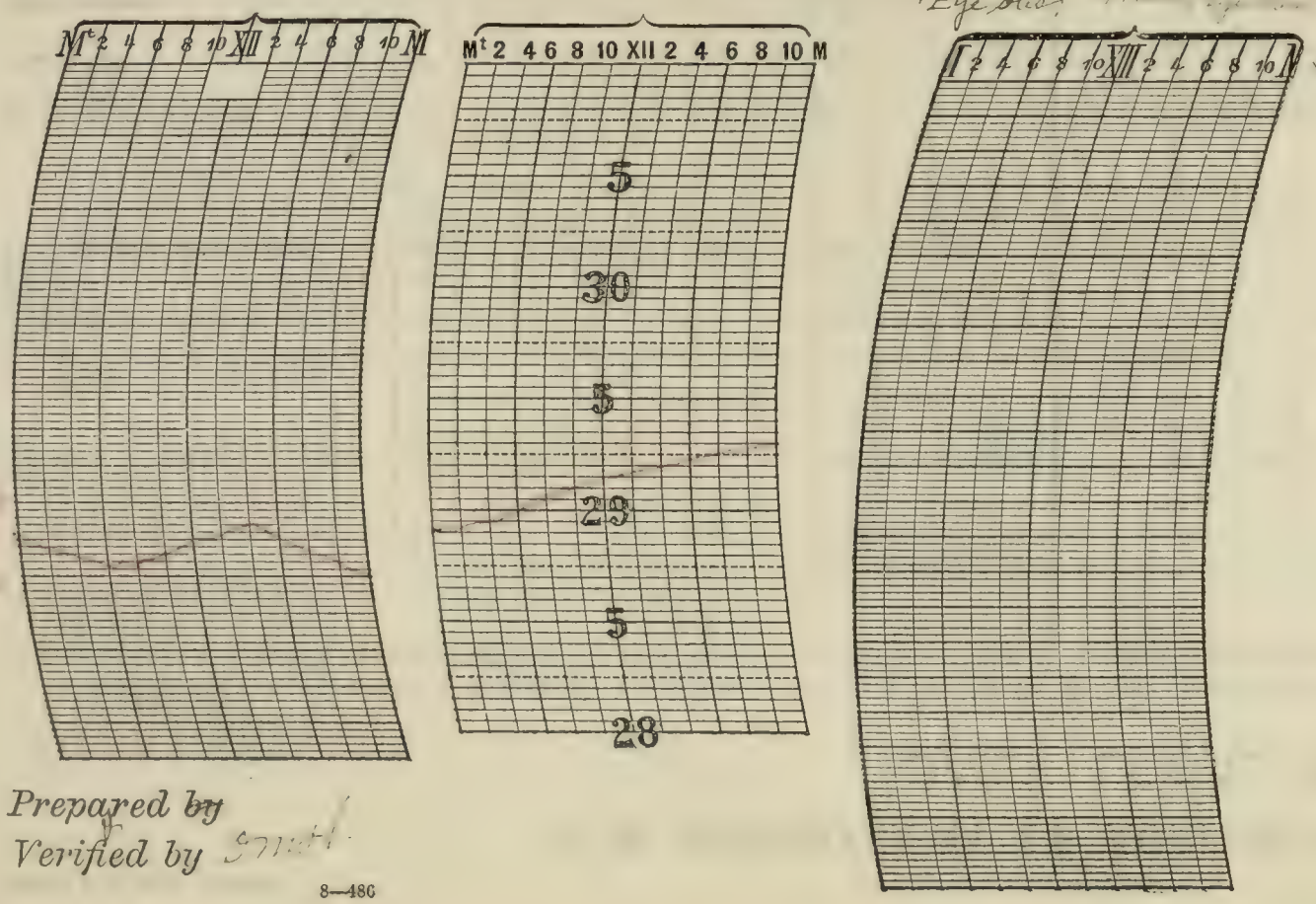
Reduced barometer, 29.61 a. m. ____ p. m.

River gage, 14.5 on Stand.

Excessive precipitation, accumulated amounts	Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

o. Eye obs. Pl. Eye obs.



NOTES.

* Cleared rapidly at 5:30 p.

Prepared by

Verified by Smith

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

MAR 31, 1911

(Station) LA SALLE, ILL., (Day of week) Fri., (Date) 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	29	28	27	27	27	26	27	31	36	39	40	41
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	1				Clear		→	Pc	→	Cldy		
Sunrise: Time, 5.41 Character, Clear												
Sunshine (in tenths of hours)						0	0	0.3	0.4	1.0	0.8	0.8
Wind direction	W	W	NW	W	W	W	W	W	W	W	W	W
Wind movement	2	1	7	4	3	3	3	5	9	11	17	17
Maximum velocities (exceeding 25 miles)												

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	41	43	42	42	42	42	38	33	32	32	31	31
State of weather: Nature of precipitation and time of beginning and ending								S B 7.35 8 m. 8.45 9.15				
Amounts of precipitation												
Cloudiness and other conditions		→	Pc		→		Cl					
Sunset: Time, 6.02 Character, Clear												
Sunshine (in tenths of hours)	1.0	1.0	0.9	0	0	0.3	0					
Wind direction	NW	NW	NW	NW	NW	W	NW	NW	W	W	W	NW
Wind movement	16	15	14	11	14	12	10	6	5	2	1	7
Maximum velocities (exceeding 25 miles)												

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

	Maximum.	Minimum.	Mean.	Normal.
	44	26	35	41

Total depth of snow for 24 hours ending 7 p. m., ... inches.

Snow on ground ..... p. m., ... inches.

Total snowfall, midnight to midnight, 4 inches.

Precipitation to 7 a. m., 0 hrs.; to ..... p. m., ... hrs.

Total precipitation, midnight to midnight, T inches.

Character of day, Partly cl.; Moon phase, ...

Actual sunshine, hours, 4

Possible sunshine, hours, 6

Percentage of possible sunshine, 3

Prevailing direction, W

Total movement, 2 2 2

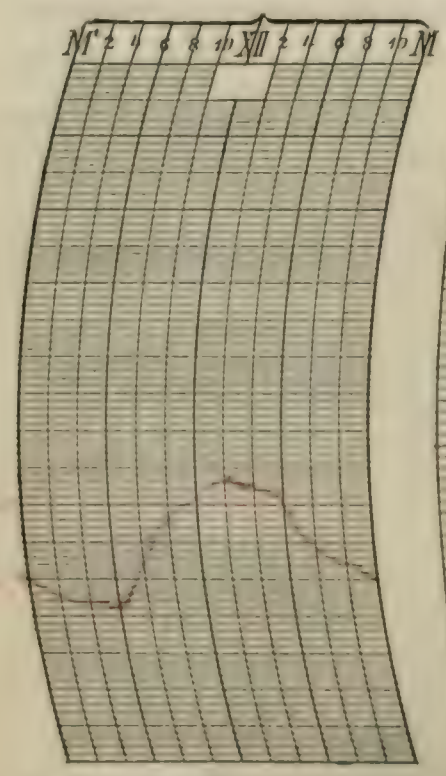
Average hourly velocity, ...

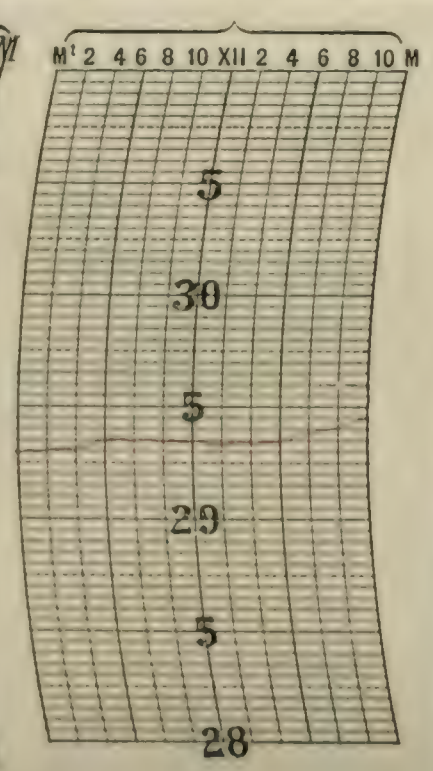
Maximum velocity.	Direction.	Time.
25	W	11.30 a

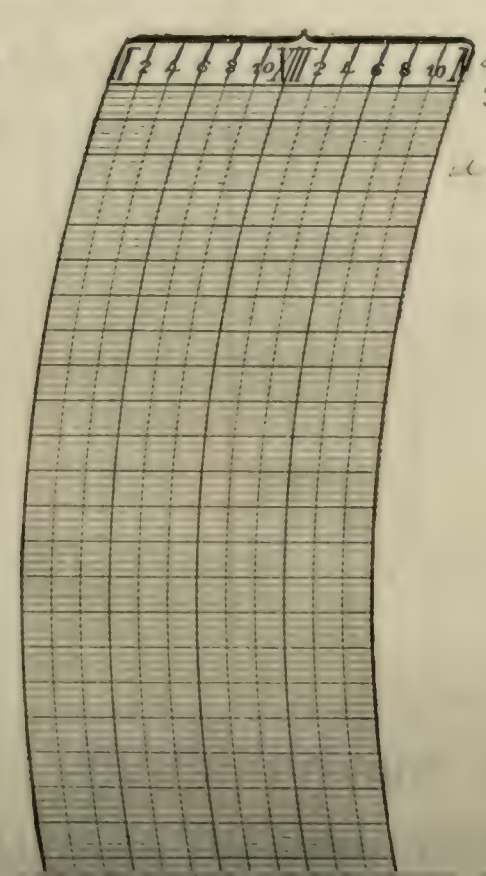
Relative humidity, 57 a. m., ... p. m.

Reduced barometer, 29.96 a. m., ... p. m.

River gage, 14.2 Falling







NOTES.

The snowfall in the morning abated to rain from a clear sky while the state was clearing

Prepared by

Verified by

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LASALLE, ILL., (Day of week) Sat., (Date) APR / 1911, 191

Time (local standard), 90 mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	28	27	26	24	23	23	25	28	30	32	34	35	37	39	40	40	41	39	37	35	33	31	30	29
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions	← Clear →										← Pt. cldy →		← Clear →							moon visible				
Sunrise: Time, Character,	5:39 Clear																				Sunset: Time, Character,			
Sunshine (in tenths of hours)						35 0	05 05	1.0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0		6:31 Clear			
Wind direction	NW	NW	NW	NW	NW	NW	NW	N	N	NW	NW	NW	W	W	NW	W	W	W	W	W	W	W	O	W
Wind movement	5	6	6	5	5	5	6	6	5	7	8	5	7	7	9	9	8	7	4	3	1	1	0	1
Maximum velocities (exceeding 25 miles)																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
41	23	32	44

Total depth of snow for 24 hours ending 7 p. m., T inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., T ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear 3 Moon phase,

Actual sunshine, hours, 12.6

Possible sunshine, hours, 12.7

Percentage of possible sunshine, 99

Prevailing direction, NW

Total movement, 136

Average hourly velocity, 5.7

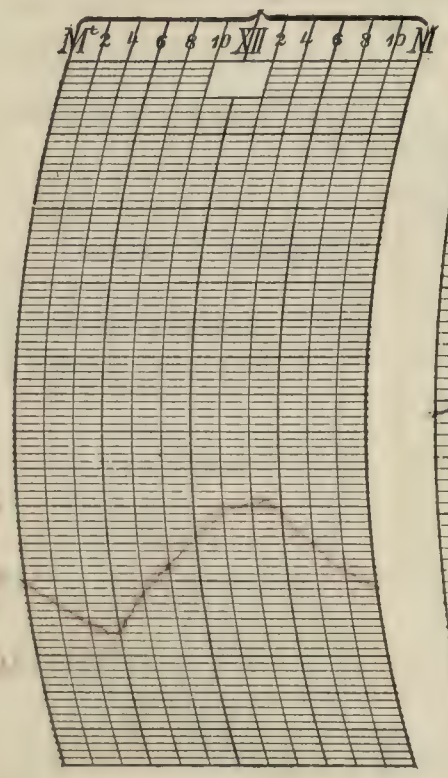
Maximum velocity,	Direction,	Time.
14	NW	2:30 p

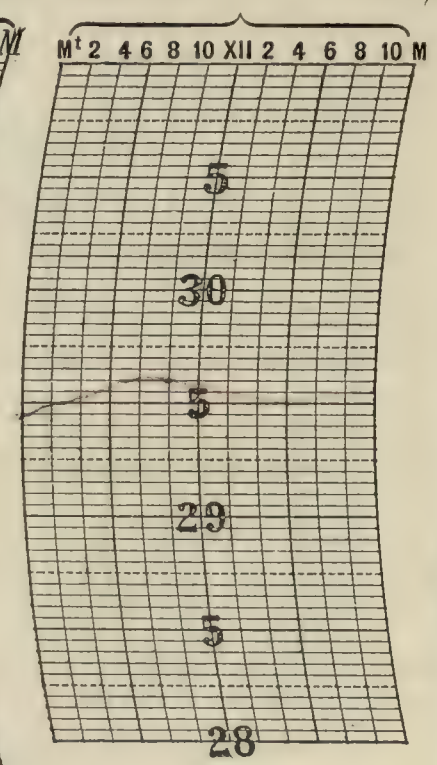
Relative humidity, 75 a. m. p. m.

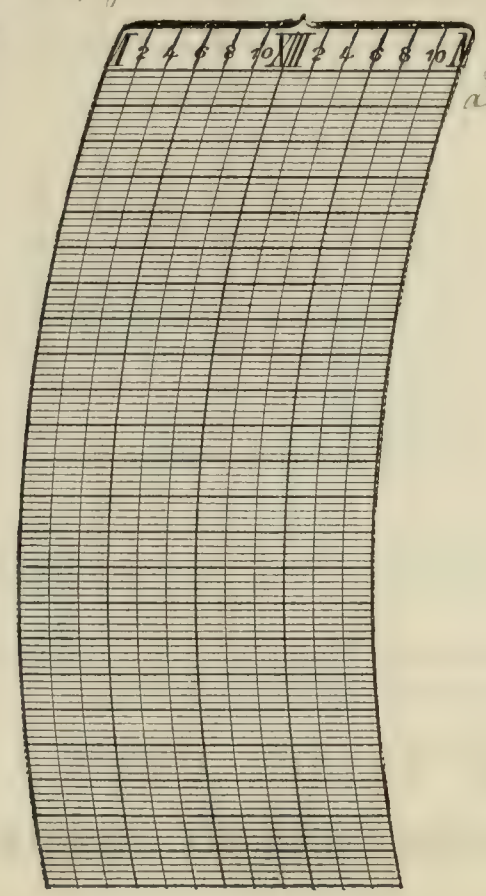
Reduced barometer, 30.20 a. m. p. m.

River gage, 14.4 falling

Partly Eye obs.







NOTES.

Lun halo observed, 8. pm.

Prepared by
Verified by OMH

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE ILL., (Day of week) Sunday, (Date) APR 7 1912 191

Time (local standard), 75th mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	30	31	31	34	31	37	37	33	34	37	31	30
State of weather: Nature of precipitation and time of beginning and ending										S .08	—	—
Amounts of precipitation										.08		.56
Cloudiness and other conditions					Cloudy							
Sunrise: Time, 5.38 Character, Cloudy												
Sunshine (in tenths of hours)						0	0	0	0	0	0	0
Wind direction	0	N	N	E	E	E	NE	E	NE	NE	NE	NE
Wind movement	0	1	1	3	3	5	8	6	10	10	13	16

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	31	31	31	31	31	31	32	32	29	31	31	29
State of weather: Nature of precipitation and time of beginning and ending			S 2:15 R 2:10 R 3:15									
Amounts of precipitation												
Cloudiness and other conditions					Cloudy		more cloudy					
Sunset: Time, 6.22 Character, Cloudy												
Sunshine (in tenths of hours)	0	0	0	0	0	0	0					
Wind direction	E	E	E	E	NE	NE	E	NE	E	E	NE	NE
Wind movement	15	18	17	18	20	17	19	18	21	15	15	14

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
34	24	29	

Total depth of snow for 24 hours ending 7 p. m., [illegible] inches

Snow on ground 7 p. m., 3.0 inches. Max. [illegible]

Total snowfall, midnight to midnight, 4.5 inches.

Precipitation to 7 a. m., [illegible] p. m., to [illegible] p. m., [illegible]

Total precipitation, midnight to midnight, [illegible] inches.

Character of day, Cloudy Moon phase, [illegible]

Actual sunshine, hours, 6

Possible sunshine, hours, 3.7

Percentage of possible sunshine, 6

Prevailing direction, E

Total movement, 2[illegible] 296

Average hourly velocity, [illegible]

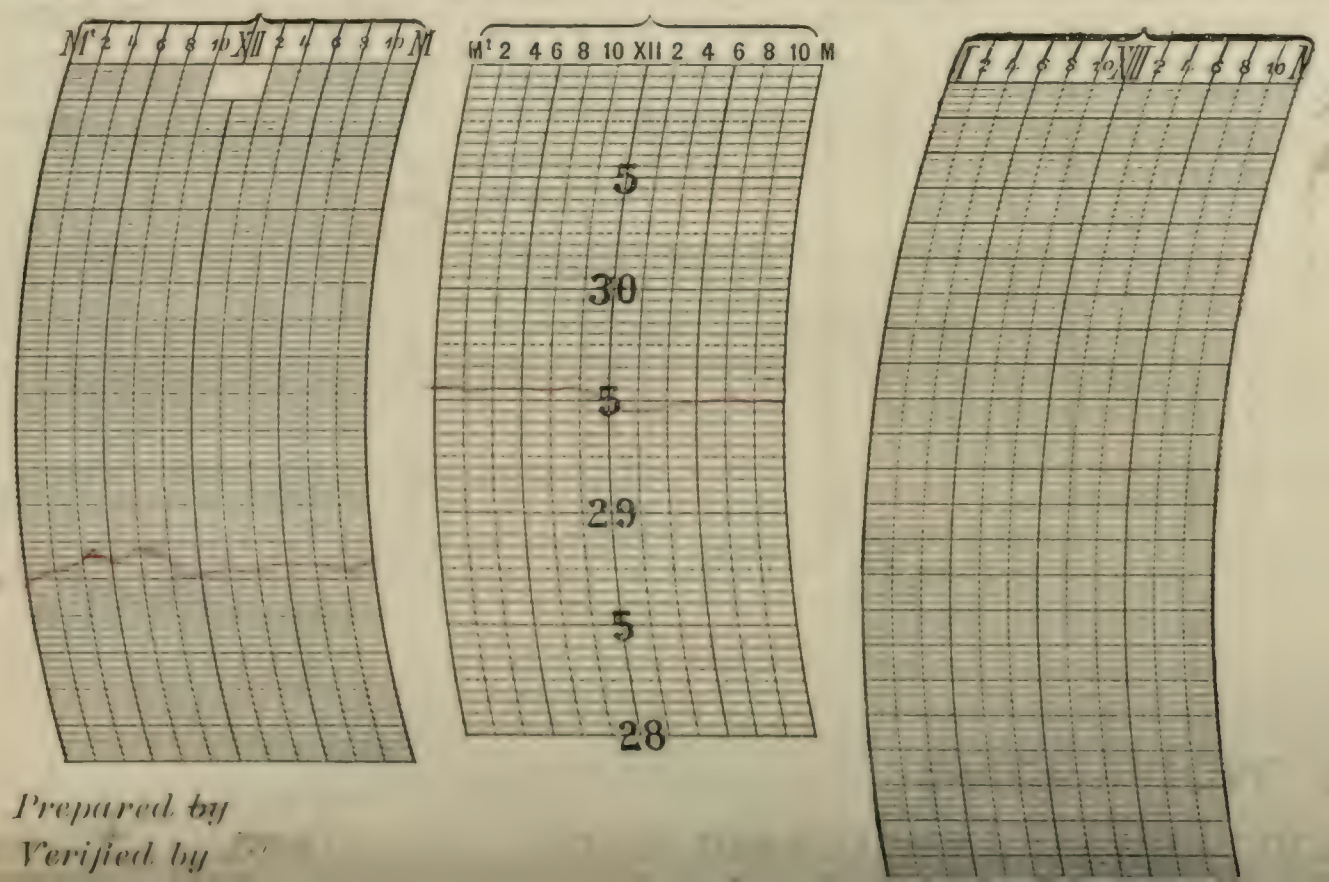
Maximum velocity,	Direction,	Time.
25	NE	[illegible]

Relative humidity, [illegible] a. m. [illegible] p. m.

Reduced barometer, 30.[illegible] a. m. [illegible] p. m.

River gage, [illegible]

Excessive precipitation, accumulated amounts	Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.



NOTES.

A heavy snow, for April, fell during the greater part of the day.

Prepared by

Verified by

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE ILL, (Day of week) Wednesday, (Date) APR 5 1911, 191

Time (local standard) 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	32	32	32	32	32	32	31	32	34	33	33	34
State of weather: Nature of precipitation and time of beginning and ending	Sl. R. 10m. Sl. S. 10m.				R. 10m.	- -	- -	R. 7:30				
Amounts of precipitation	T				T	T	T	T				
Cloudiness and other conditions	4				Cloudy							4
Sunrise: Time, Character,	5.36 Cloudy											
Sunshine (in tenths of hours)						0	0	0	0	0	0	0
Wind direction	NE	E	NE	NE	NE	NE	NE	E	E	E	E	E
Wind movement	19	19	18	19	18	20	20	19	18	18	17	18
Maximum velocities (exceeding 25 miles)												

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	35	35	35	35	35	35	35	34	34	34	34	34
State of weather: Nature of precipitation and time of beginning and ending								R. 7:10	- -	- -	- -	- -
Amounts of precipitation								.01	.02	.01	.03	.04
Cloudiness and other conditions	4				Cloudy				moon obscured.			
Sunset: Time, Character,									6.23 Cloudy			
Sunshine (in tenths of hours)	0	0	0	0	0	0	0					
Wind direction	E	NE	NE	E	NE	NE	E	NE	NE	E	E	NE
Wind movement	15	16	16	16	14	14	17	16	16	15	15	13
Maximum velocities (exceeding 25 miles)												

Maximum.	Minimum.	Mean.	Normal.
35	31	33	45

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m. 10 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., T ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, 11 inches.

Character of day, Cloudy. Moon phase, 4

Actual sunshine, hours, 0

Possible sunshine, hours, 12.8

Percentage of possible sunshine, 0

Prevailing direction NE

Total movement, ~~426~~ 406

Average hourly velocity, ~~17.8~~ 16.9

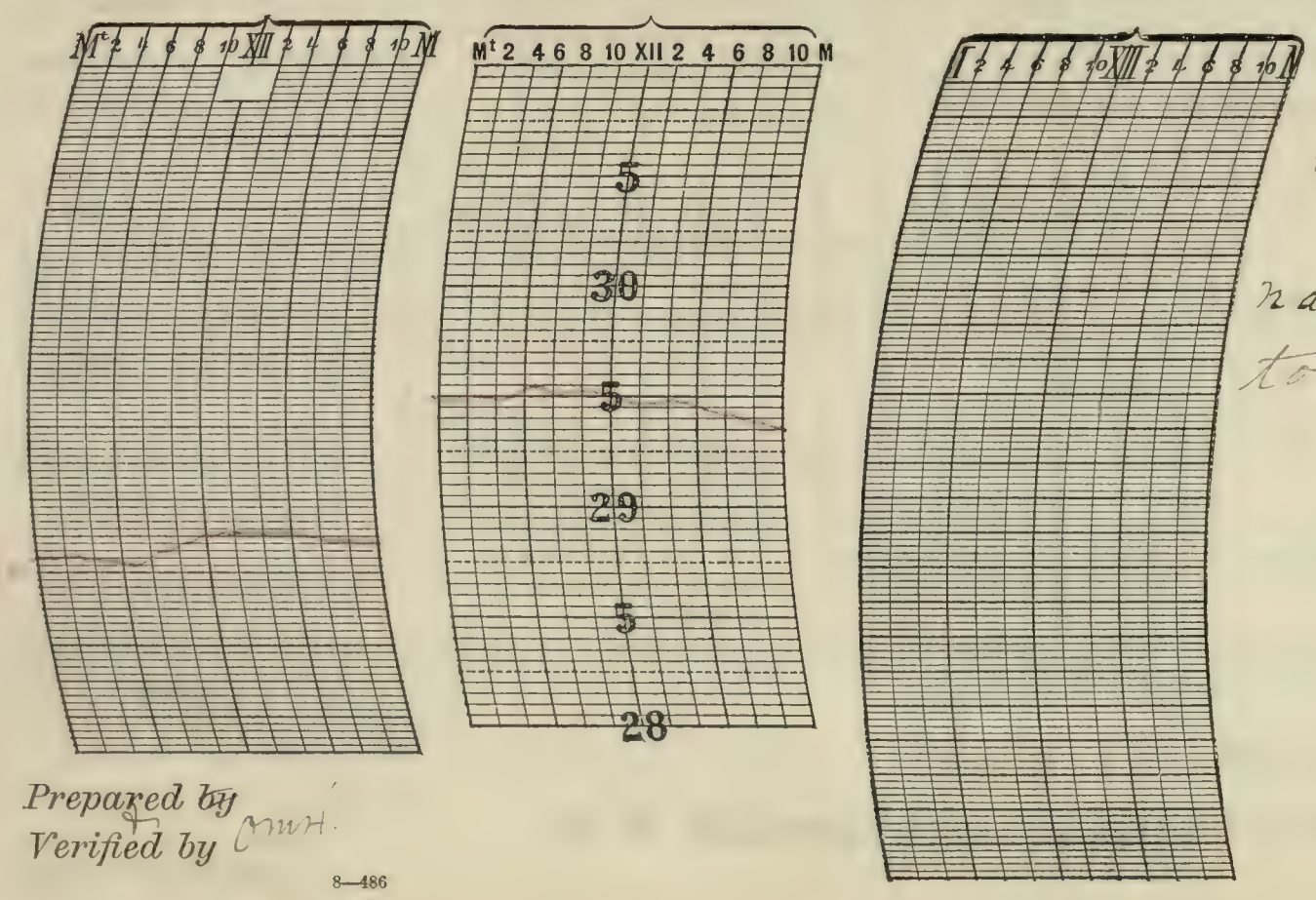
Maximum velocity,	Direction,	Time.
23	NE	6:10 a

Relative humidity, 95 a. m. ____ p. m.

Reduced barometer, 30.16 a. m. ____ p. m.

River gage, 13.6 falling

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.



NOTES.

The was a light fall of sleet in the morning before day light.

Navigation of Illinois river at this point resumed today.

Prepared by
Verified by CMH.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) [illegible], (Date) APR - 1911, 191

Time (local standard), 90th mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	33	33	33	32	31	31	30	36	35	36	36	37	37	38	38	38	38	38	38	38	37	37	36	36
State of weather: Nature of precipitation and time of beginning and ending	–					–	–	–	–	–	–													
Amounts of precipitation	.08	.10	.05	.02	.01	T	.01	.06	.01	.01	T	T	T	T	T	.01	.01	.02	.03	.10	.15	.17	.01	.02
Cloudiness and other conditions					Cloudy																			
Sunshine (in tenths of hours)						0	0	0	0	0	0	0	0	0	0	0	0	0	0					
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE
Wind movement	17	14	14	17	14	15	14	13	14	14	12	14	14	14	15	14	14	15	12	10	7	8	5	3
Maximum velocities (exceeding 25 miles)																								

Sunrise: Time, 5.31 Character, Cloudy

Sunset: Time, [illegible] Character, Cloudy

Total duration. From—	To—	Total amount of precipitation.	* Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
57	27	42	[illegible]

Total depth of snow for 24 hours ending 7 p. m., [illegible] inches.

Snow on ground 7 p. m., 7 inches.

Total snowfall, midnight to midnight, [illegible] inches.

Precipitation to 7 a. m. (37 ins., to [illegible] p. m. [illegible]

Total precipitation, midnight to midnight, [illegible] inches.

Character of day, Cloudy Moon phase, [illegible]

Actual sunshine, hours, 0

Possible sunshine, hours, [illegible]

Percentage of possible sunshine 0

Prevailing direction NE

Total movement, 300

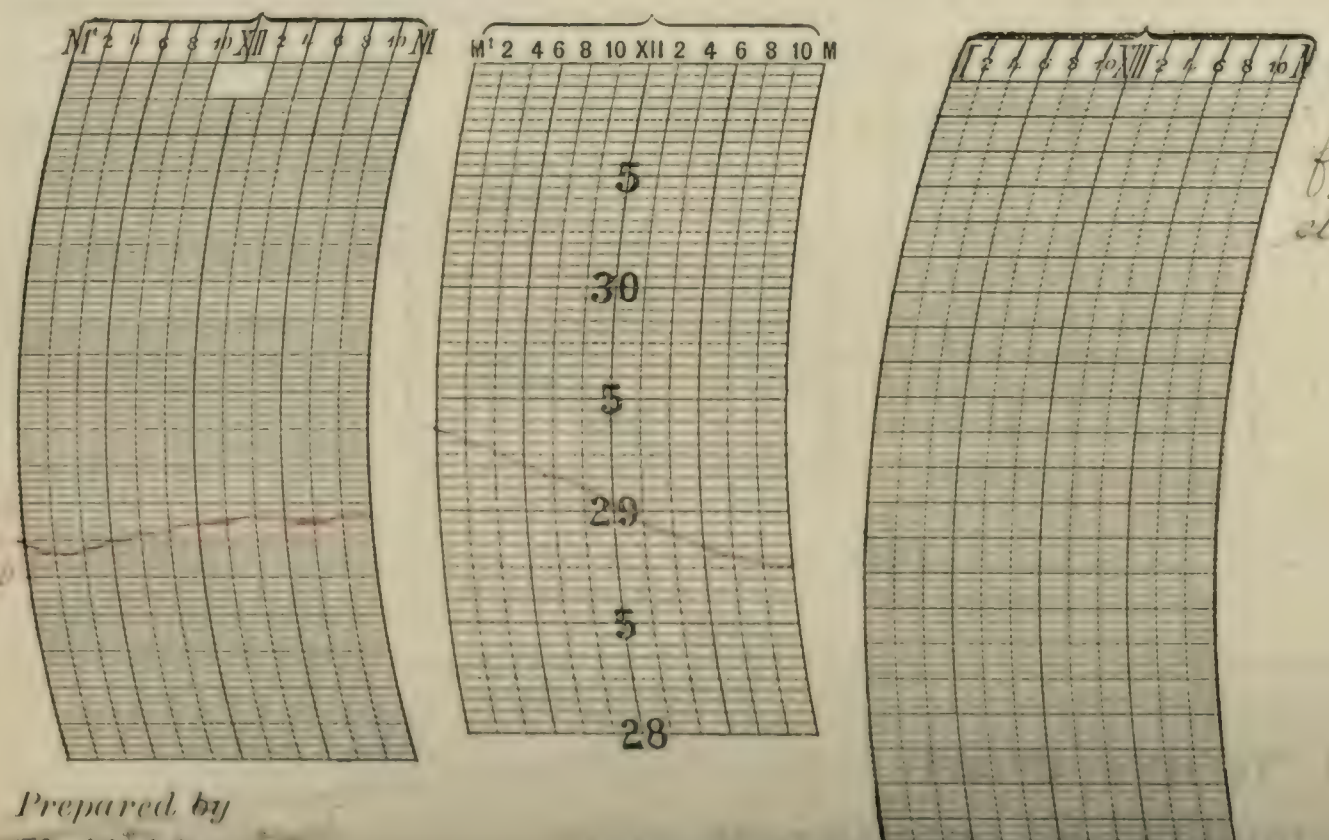
Average hourly velocity, 12.5

Maximum velocity.	Direction.	Time.
18	NE	5 p.m.

Relative humidity, [illegible] a. m. [illegible] p. m.

Reduced barometer, 29.[illegible] a. m. [illegible] p. m.

River gage, 13.8 [illegible]



NOTES.

1 thunderstorm occurred in the evening; first thunder heard at 7.40 p., last at 8.05 p., the storm came from NE.

Prepared by

Verified by

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LASALLE, ILL., (Day of week) Wed., (Date) APR 5 1911, 191

Time (local standard), 90 mer.

	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	35	36	36	35	35	35	36	37	38	39	39	40	40	41	41	42	43	43	43	42	41	40	39	39
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions	10				Cloudy																			
Sunrise: Time, Character,	5:39 Cloudy																				Sunset: Time, Character, 6:25 Cloudy			
Sunshine (in tenths of hours)						0	0	0	0	0	0	0	0	0	0	0	0	0	0					
Wind direction	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	SW	SW	SW	SW	S
Wind movement	8	13	13	14	16	17	18	17	15	17	16	17	17	16	17	15	11	16	8	6	5	3	2	4
Maximum velocities (exceeding 25 miles)																								

moon faintly visible at 7 p. only

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

_____ hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
45	35	37	46

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .35 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches. F. Q. 11:35

Character of day, Cloudy 10 Moon phase, ☽

Actual sunshine, hours, 0

Possible sunshine, hours, 12.9

Percentage of possible sunshine, 0

Prevailing direction, W

Total movement, 295

Average hourly velocity, 12.3

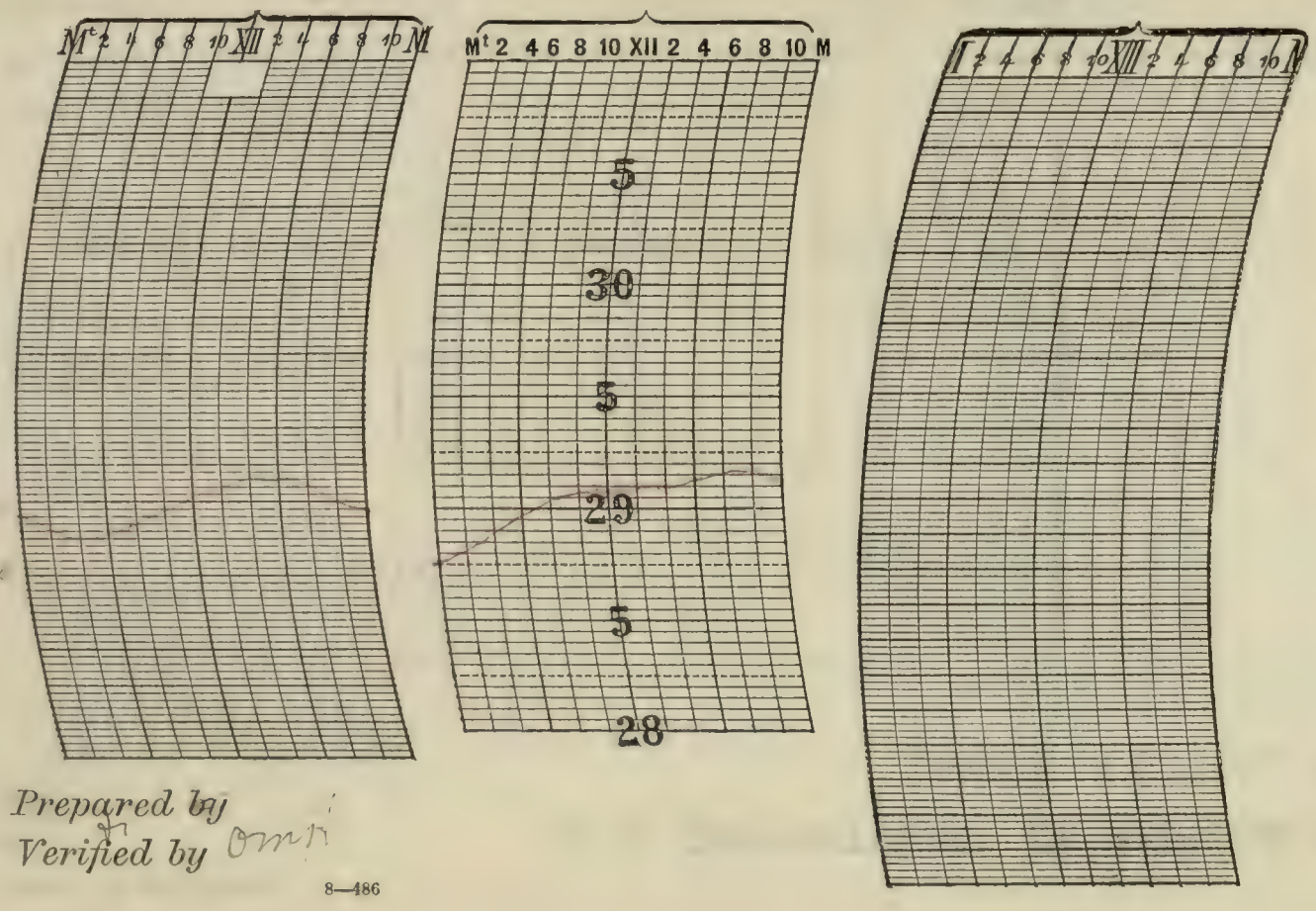
Maximum velocity, 22 Direction, W Time, 1:10 p

Relative humidity, 87 a. m. _____ p. m.

Reduced barometer, 29.59 a. m. _____ p. m.

River gage, 14.4 falling

NOTES.



Prepared by
Verified by Omr

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LASALLE, ILL, (Day of week) Tuesday, (Date) APR 4 1911, 191

Time (local standard), 90th mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	37	38	37	33	30	41	40	40	41	35	34	35
State of weather: Nature of precipitation and time of beginning and ending										RB 9:28		RE 10:25
Amounts of precipitation										T	P	T
Cloudiness and other conditions	4					Cloudy						
Sunrise: Time, Character,	5:31 Cloudy,											
Sunshine (in tenths of hours)						0	0	0	0	0	0	0
Wind direction	SE	E	E	E	E	E	E	E	N	N	N	N
Wind movement	4	4	8	10	12	11	6	7	10	14	18	19

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	35	38	39	40	40	41	39	35	33	31	30	30
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					10							
Sunset: Time, Character,												
Sunshine (in tenths of hours)	0	0.6	0	0.1	0	0.5	0					
Wind direction	N	N	NW	NW	NW	NW	W	W	W	W	W	W
Wind movement	15	5	16	14	11	13	12	13	12	9	7	6

Maximum velocities (exceeding 75 miles)

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
42	30	37	40

Total depth of snow for 24 hours ending 7 p. m. inches.

Snow on ground 7 p. m. 6 inches.

Total snowfall, midnight to midnight, 1 inches.

Precipitation to 7 a. m. 0 to 7 p. m. inches.

Total precipitation, midnight to midnight, 1 inches.

Character of day, Cloudy. Moon phase.

Actual sunshine, hours, 1.9

Possible sunshine, hours, 12.4

Percentage of possible sunshine, 15

Prevailing direction, E

Total movement, 271

Average hourly velocity, 11.3

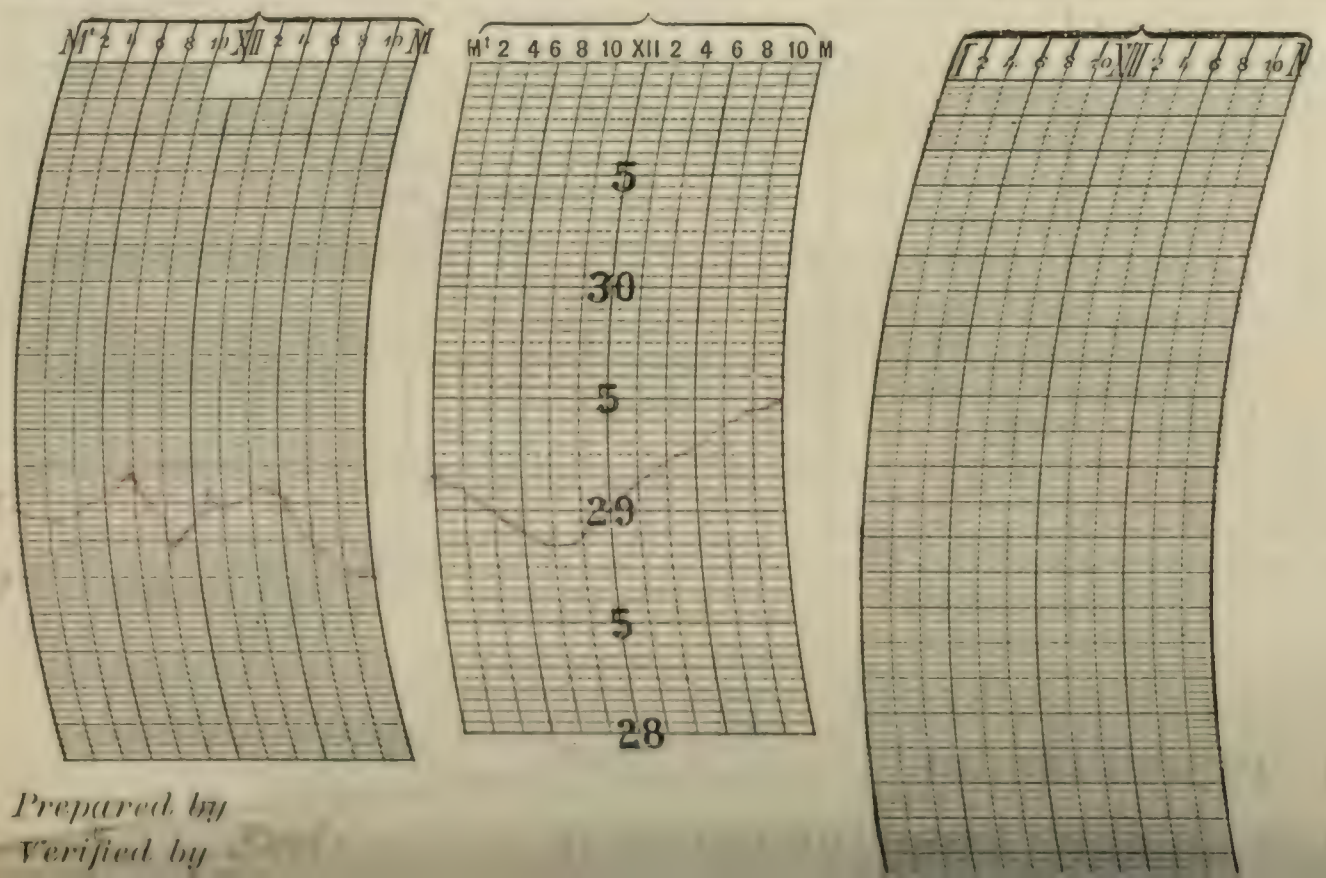
Maximum velocity.	Direction.	Time.
21	N	10:30 a

Relative humidity, 75 a. m. p. m.

Reduced barometer, 29.435 a. m. p. m.

River gage, 10.5

NOTES.



Prepared by

Verified by

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Fri., (Date) APR 7 1911, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	30	30	29	29	29	28	29	33	35	38	40	41	43	45	45	46	46	45	44	42	36	33	33	32
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions	4				Clear													Intermittant moon light						
																		Partly cloudy				Cloudy		
	Sunrise: Time, 5:29		Character, Clear																		Sunset: Time, 6:27		Character, Clear	
Sunshine (in tenths of hours)						52 0	03 07	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	φ 1.0	07 0.3	45 0					
Wind direction	W	W	W	W	W	W	NW	N	NE	NE	N	NW	NW	N	N	NE	NE	NE	NE	x NE	x NE	x NE	x NE	x NE
Wind movement	8	5	4	4	3	2	5	6	6	5	3	5	7	8	8	7	6	7	6	x 7	x 8	x 8	x 7	x 7

Maximum velocities (exceeding 25 miles)

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
46	28	37	47

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear ? Moon phase,

Actual sunshine, hours, 13.0

Possible sunshine, hours, 13.0

Percentage of possible sunshine, 100

Prevailing direction NE

Total movement, 149

Average hourly velocity, 5.9

Maximum velocity,	Direction,	Time.
*10	N	1.44 p

Relative humidity, 89 a. m. p. m.

Reduced barometer, 30.22 a. m. p. m.

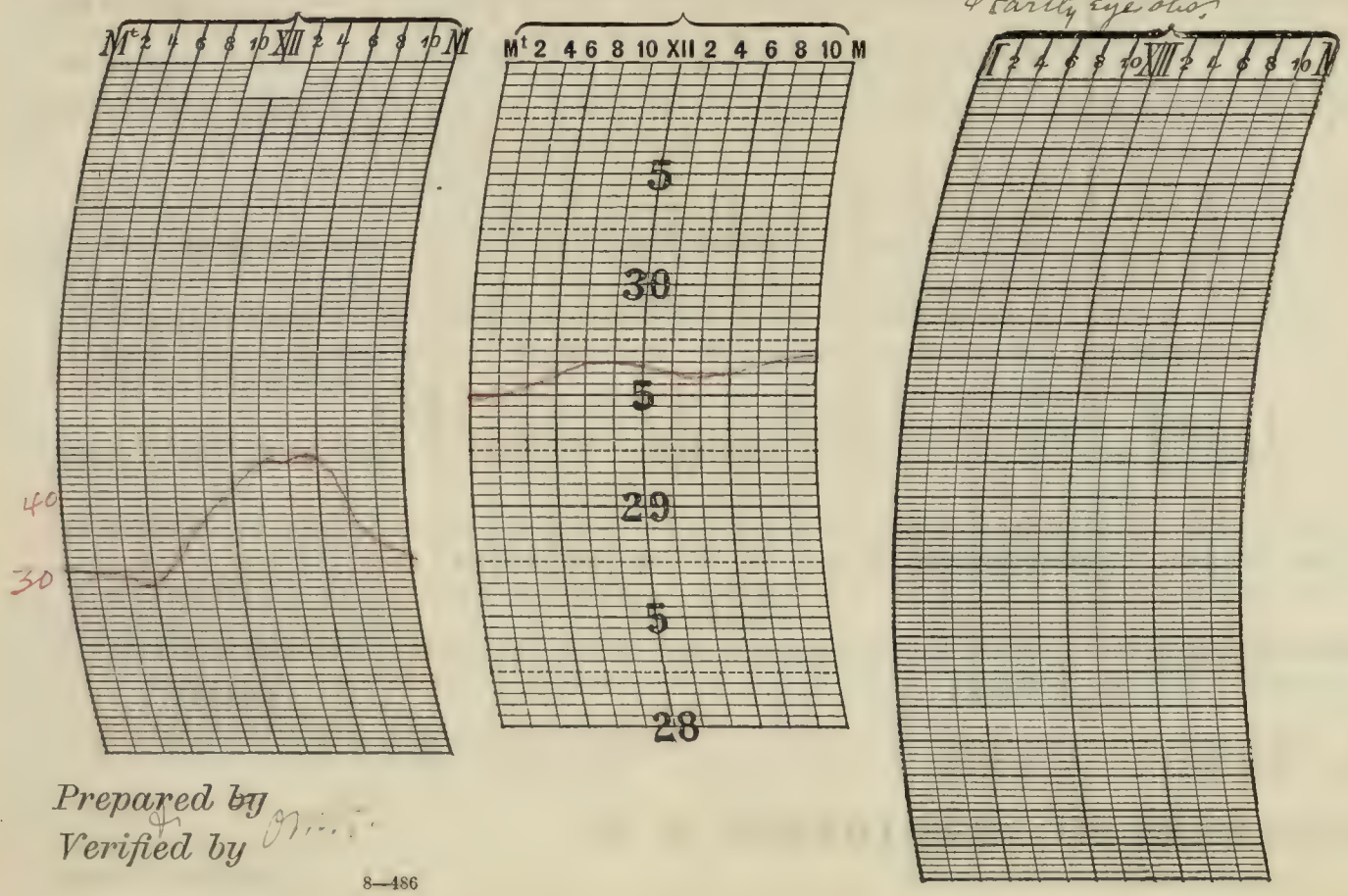
River gage,

φ Partly eye obs.

x Interpolated, clock stopped

NOTES.

* For 18h 30m



Prepared by

Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LASALLE ILL., (Day of week) Sat., (Date) APR 1 1911, 191

Time used (standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	32	32	31	31	31	31	32	33	34	35	37	39
State of weather: Nature of precipitation and time of beginning and ending										5m B. 2-10		5m E. 11-42 R.S. 11-42
Amounts of precipitation										T	T	T
Cloudiness and other conditions	Cloudy											
Sunrise: Time, 5.9 Character, Cloudy												
Sunshine (in tenths of hours)						0	0	0	0	0	0	0
Wind direction	NE	NE	NE	NE	NE	NE	NE	N	N	NE	NE	N
Wind movement	7	6	6	5	6	6	6	5	6	5	4	4
Maximum velocities (exceeding 75 miles)												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	40	40	42	44	44	43	41	38	38	38	38	38
State of weather: Nature of precipitation and time of beginning and ending		T E										
Amounts of precipitation	T	T										
Cloudiness and other conditions									Clear			
Sunset: Time, 6.0 Character, Cloudy												
Sunshine (in tenths of hours)	10	0.7	0.6	0.5	0	0	0					
Wind direction	NW	NW	NW	NW	NW	N	N	N	N	N	N	N
Wind movement	7	12	12	9	10	10	8	5	6	6	5	5
Maximum velocities (exceeding 75 miles)												

_____ hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
44	30	37	

Total depth of snow for 24 hours ending 7 p. m., 1 inches.

Snow on ground 7 p. m., 2 inches.

Total snowfall, midnight to midnight 1 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Cloudy Moon phase, _____

Actual sunshine, hours, 0.0

Possible sunshine, hours, 12.0

Percentage of possible sunshine, 0

Prevailing direction NE

Total movement, 160

Average hourly velocity, 6.7

Maximum velocity, 12 Direction, NW Time, 1 p.

Relative humidity, 79 a. m. _____ p. m.

Reduced barometer, 30.29 a. m. _____ p. m.

River gage, _____

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

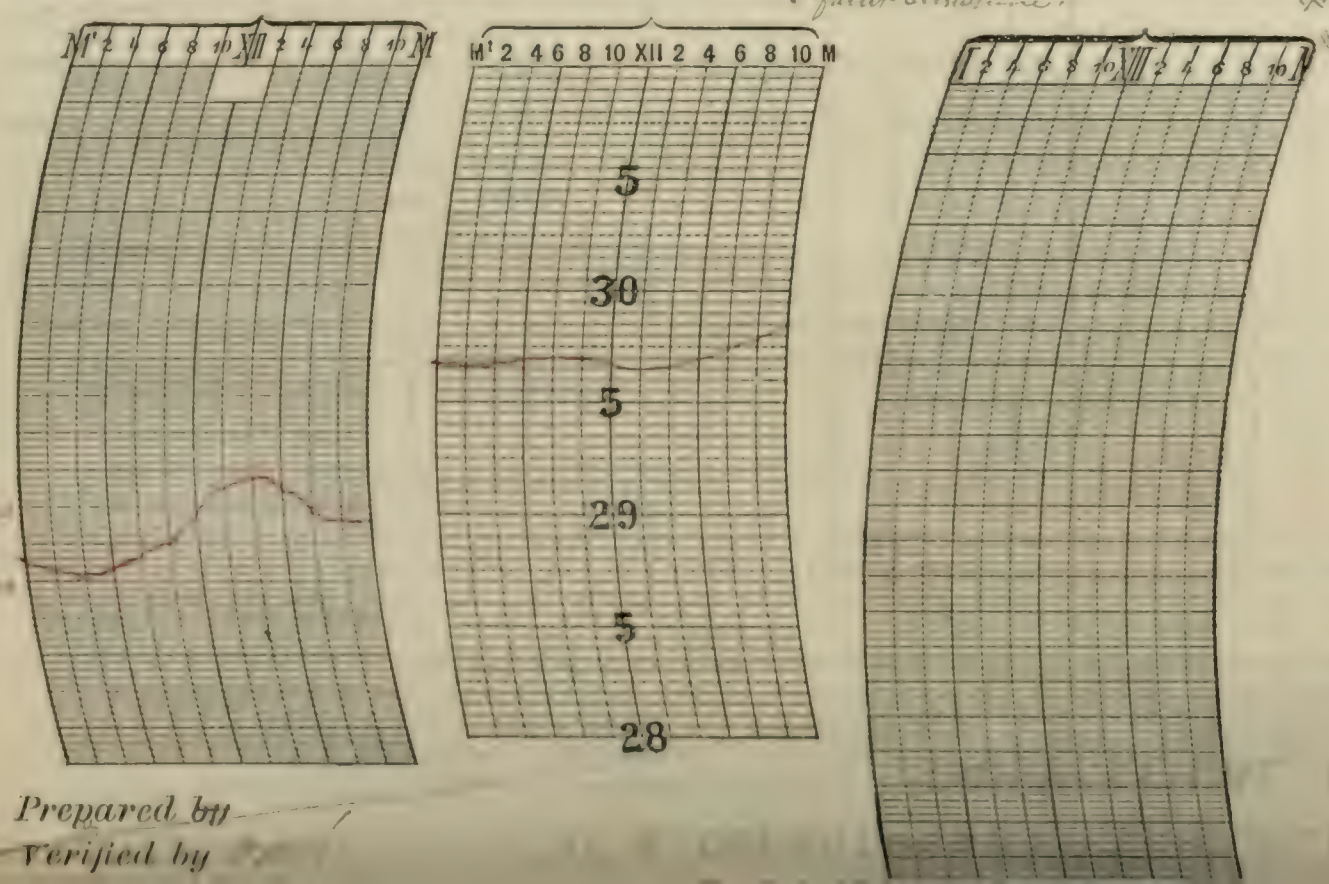
Accumulated depths during excessive rate, for consecutive periods of time indicated below.

T faint sunshine.

* Intermittent, clock stopped.

Cleared rapidly after sunset.

NOTES.



Prepared by

Verified by

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

LA SALLE, ILL.

DAILY LOCAL RECORD.

(Station) _____, (Day of week) Sunrd, (Date) APR 9 1911, 191

Time (local standard), 90 mer.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	38	37	37	36	35	34	35	38	41	44	46	48	51	52	52	53	52	51	50	47	45	44	42	40
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions	←	—	—	—	Clear							→	←	—	—	—	Clear		moon visible					→
Sunrise: Time, Character,	5.26 Clear																				Sunset: Time, Character, 6.29 Clear			
Sunshine (in tenths of hours)						57 0	0.9 0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0 1.0	34 0.6	48 0					
Wind direction	NE	NE	NE	NE	N	N	N	NE	NE	E	E	E	SE	SE	S	S	S	S	S	SE	SE	SE	SE	E
Wind movement	5	3	1	3	4	3	2	6	5	5	7	4	5	6	6	5	6	5	2	3	3	4	4	5
Maximum velocities (exceeding 25 miles)																								

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
53	34	44	47

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear! Moon phase, ✓

Actual sunshine, hours, 13.0

Possible sunshine, hours, 13.0

Percentage of possible sunshine, 100

Prevailing direction NE SE.

Total movement, 102

Average hourly velocity, 4.3

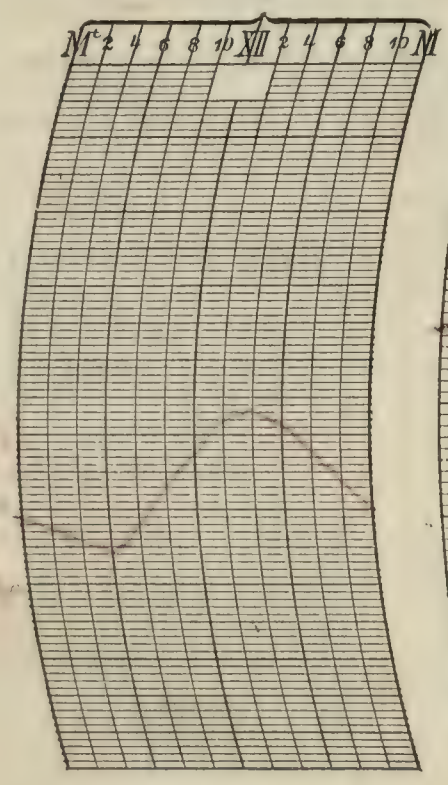
Maximum velocity, 10 Direction, SW Time, 9:00 p.

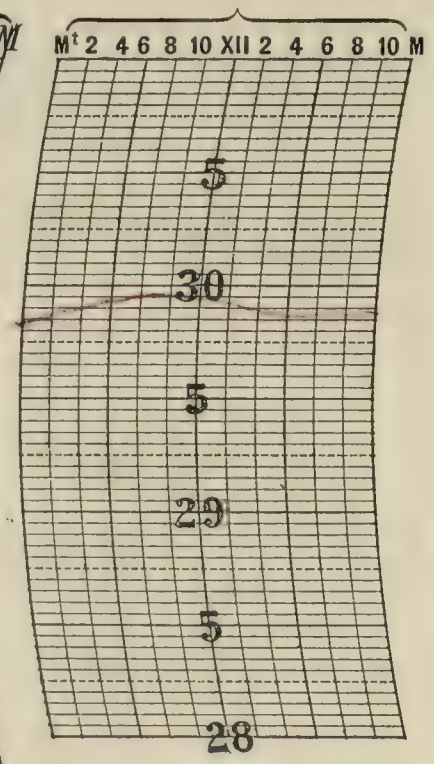
Relative humidity, 88 a. m. _____ p. m.

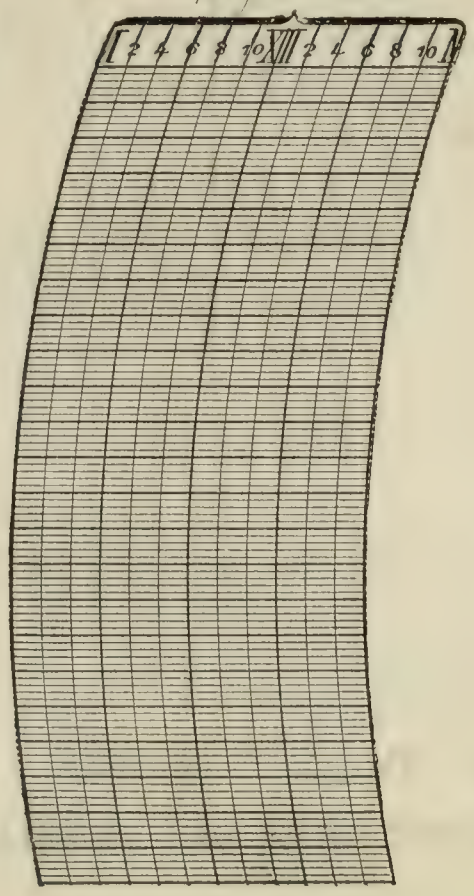
Reduced barometer, 32.57 a. m. _____ p. m.

River gage, 16.4 January

3 Foot gage also







NOTES.

Prepared by _____

Verified by _____

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LASALLE, ILL., (Day of week) [illegible], (Date) APR [illegible] 1911, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	37	35	35	36	36	36	38	47	45	47	50	54	56	57	58	57	57	56	52	49	46	46	45	45
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions	Clear					P.C.			Clear				Clear						Clear		moon visible			
Sunrise: Time, Character	5.24 Clear																				Sunset: Time, Character 6:30 Clear			
Sunshine (in tenths of hours)						0.6 0.4	0.6 0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4 0.6	0.5 0					
Wind direction	E	E	E	E	E	E	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	E	E	E	E
Wind movement	5	4	5	6	4	3	4	7	10	12	13	13	13	12	13	14	16	15	8	8	8	8	11	11
Maximum velocities (exceeding 25 miles)																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

	Maximum.	Minimum.	Mean.	Normal
Temperature	58	35	47	45

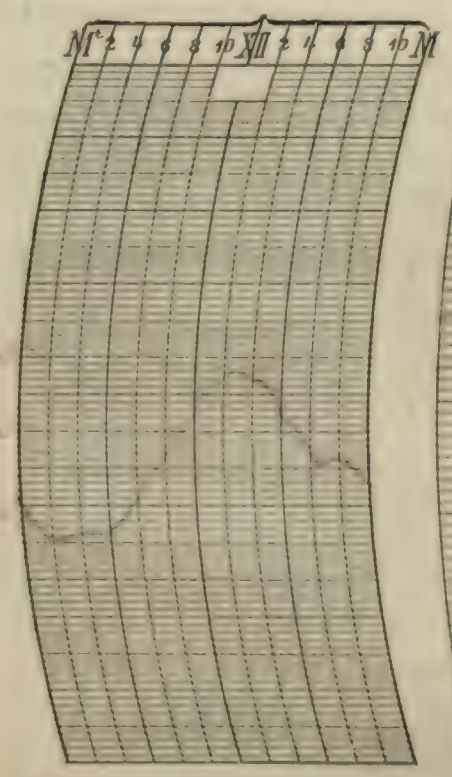
Total depth of snow for 24 hours ending 7 p. m., [illegible] inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 2 inches.
Precipitation to 7 a. m., 2 ins.; to 7 p. m., [illegible] ins.
Total precipitation, midnight to midnight, 2 inches.
Character of day, [illegible] Moon phase [illegible]
Actual sunshine, hours, 13.1
Possible sunshine, hours, 13.1
Percentage of possible sunshine [illegible]
Prevailing direction, SE
Total movement, 222
Average hourly velocity, 9.4

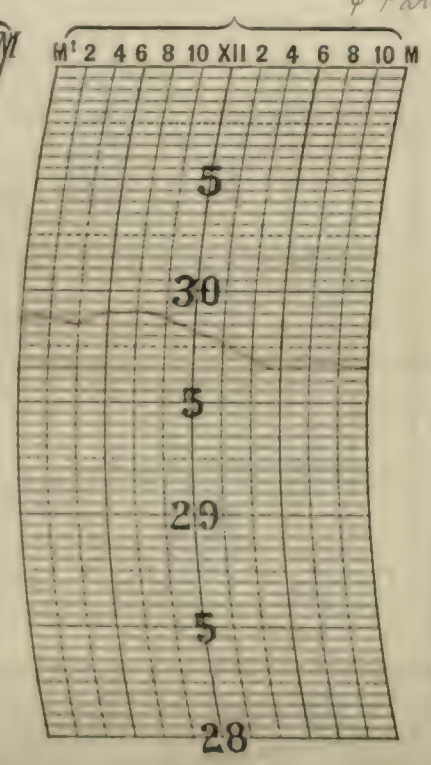
Maximum velocity,	Direction,	Time
14	SE	[illegible]

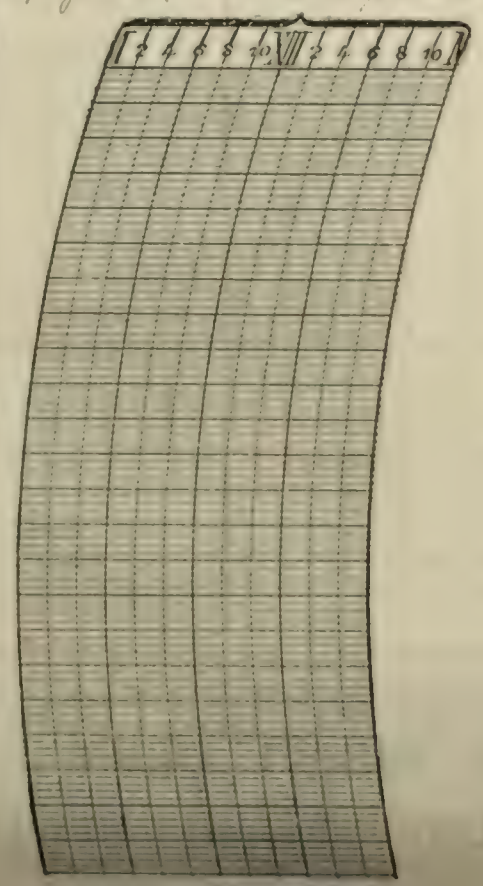
Relative humidity, 79 a. m. [illegible] p. m.
Reduced barometer, 30.51 a. m. [illegible] p. m.
River gage, [illegible]

◊ Partly cloudy. X. Interpolated.

NOTES.







Prepared by
Verified by [illegible]

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA FAYETTE, (Day of week) Tues, (Date) Feb 11 191

Time (local standard), 90th mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	44	45	45	44	45	47	48	49	53	56	60	62
State of weather: Nature of precipitation and time of beginning and ending								RB 7:18 RE 7:26				
Amounts of precipitation								T				
Cloudiness and other conditions	4				Cloudy							
Sunrise: Time, Character,	5:23 Cloudy											
Sunshine (in tenths of hours)						0	0	0	0.8	0.9	0.6	1.0
Wind direction	E	E	E	E	E	SE	SE	SE	SE	SE	SE	SE
Wind movement	10	9	11	8	11	13	16	14	12	12	12	16

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	63	62	61	60	60	51	50	50	49	48	48	48
State of weather: Nature of precipitation and time of beginning and ending						RB 5:44 T	—	—	—	—	—	—
Amounts of precipitation							.02	.02	.04	.02	.02	.03
Cloudiness and other conditions	4				moon obscured,		Cloudy					
Sunset: Time, Character,									6:31 Cloudy			
Sunshine (in tenths of hours)	*											
Wind direction	SE	SE	SE	SE	SE	S	S	SE	SE	E	E	E
Wind movement	18	17	17	15	12	16	10	12	10	10	9	8

* Sun shining thru thin clouds

Excessive precipitation, accumulated amounts

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
63	43	53	48

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 1 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0.2 ins.

Total precipitation, midnight to midnight, .17 inches.

Character of day, Cloudy Moon phase,

Actual sunshine, hours, 5.9

Possible sunshine, hours, 13.1

Percentage of possible sunshine, 45

Prevailing direction SE.

Total movement, 298

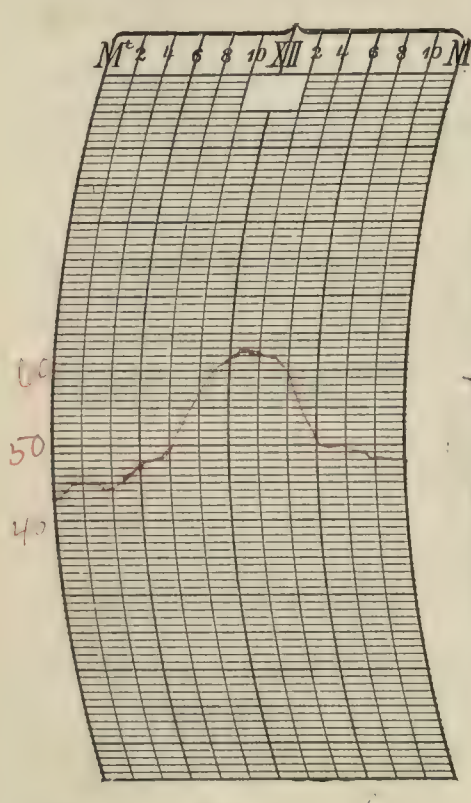
Average hourly velocity, 12.4

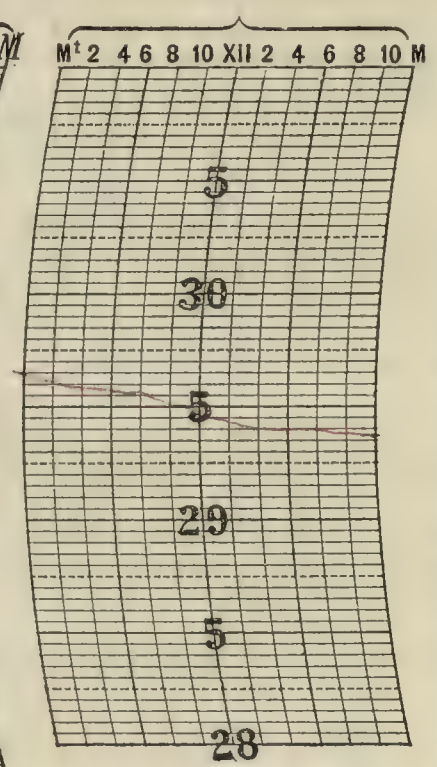
Maximum velocity,	Direction,	Time.
20	SE	1:45 p

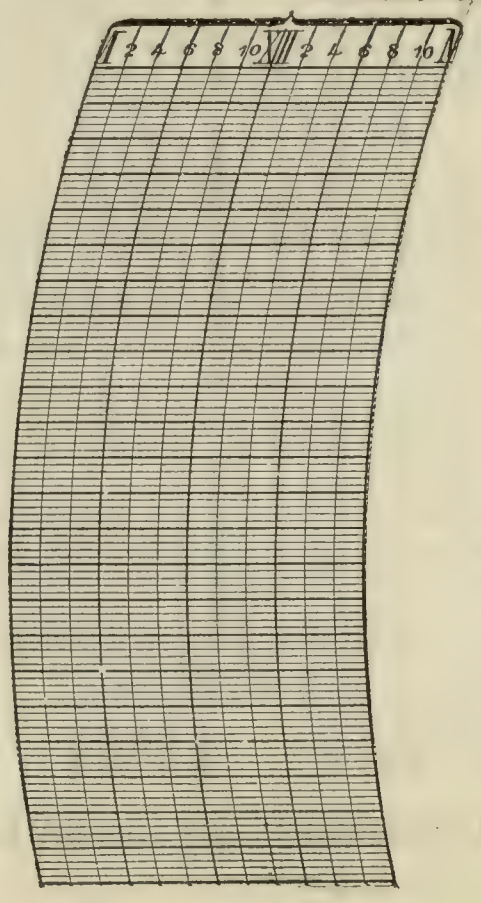
Relative humidity, 61 a. m. p. m.

Reduced barometer, 30.15 a. m. p. m.

River gage, 16.0 falling







NOTES.

Prepared by
Verified by Omit

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) LASALLE, ILL., (Day of week) [illegible], (Date) APR [illegible] 191

Time (local standard), [illegible] mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	48	48	48	48	48	48	48	49	50	51	53	59
State of weather: Nature of precipitation and time of beginning and ending		RR										
Amounts of precipitation	M	T										
Cloudiness and other conditions	Cloudy											
Sunrise: Time, Character,	5.21 Cloudy											
Sunshine (in tenths of hours)						0	0	0	0	0.1	0.6	0.9
Wind direction	E	E	E	E	E	E	E	E	SW	SW	SW	SW
Wind movement	6	5	3	2	1	1	1	4	7	6	5	5

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	61	60	60	59	60	60	60	61	61	61	60	60
State of weather: Nature of precipitation and time of beginning and ending												R.B. Hail
Amounts of precipitation												.03
Cloudiness and other conditions	Partly Cloudy								Cloudy			
Sunset: Time, Character,									6.32 Cloudy			
Sunshine (in tenths of hours)	1.0	1.0	0.1	0	0	0.1	0					
Wind direction	S	S	SE	SE	SE	SE	E	E	SE	SE	SE	SE
Wind movement	6	9	9	10	12	13	12	11	15	17	21	24
Maximum velocities (exceeding 45 miles)												27

[illegible] hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
62	[illegible]	[illegible]	[illegible]

Total depth of snow for 24 hours ending [illegible] p. m., [illegible] inches.

Snow on ground [illegible] p. m., [illegible] inches.

Total snowfall, midnight to midnight, [illegible] inches.

Precipitation to 7 a. m., .16 ins.; to [illegible] p. m., [illegible] ins.

Total precipitation, midnight to midnight, .19 inches.

Character of day, Cloudy. Moon phase, [illegible]

Actual sunshine, hours, 3.8

Possible sunshine, hours, 12.2

Percentage of possible sunshine, 31

Prevailing direction, E

Total movement, 203

Average hourly velocity, 8.5

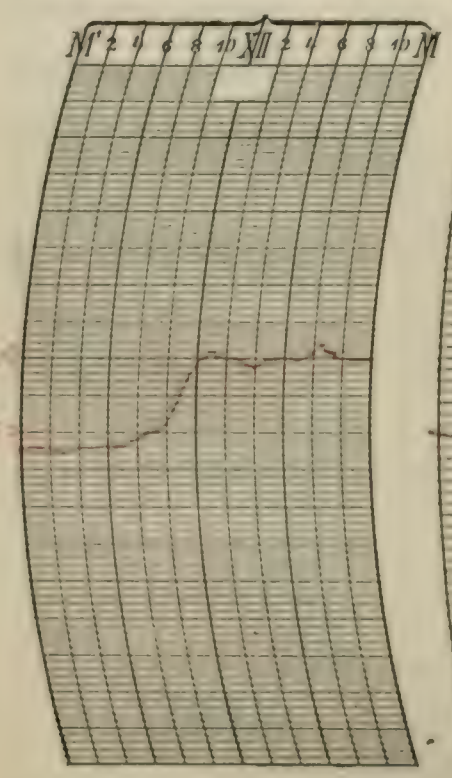
Maximum velocity,	Direction,	Time.
27	SE	2.00 p.

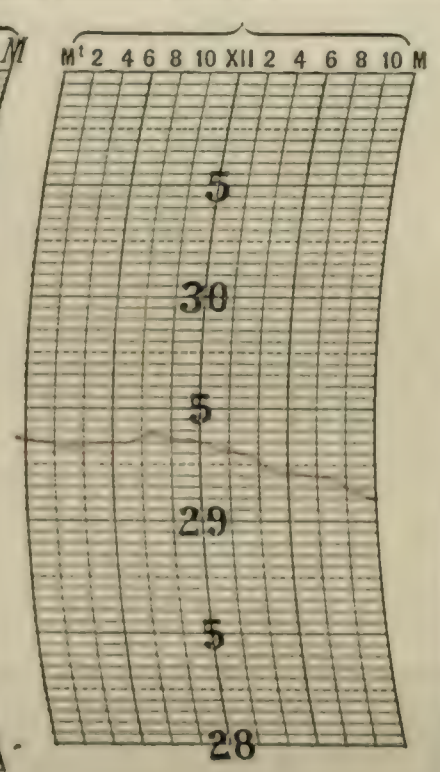
Relative humidity, [illegible] a. m., [illegible] p. m.

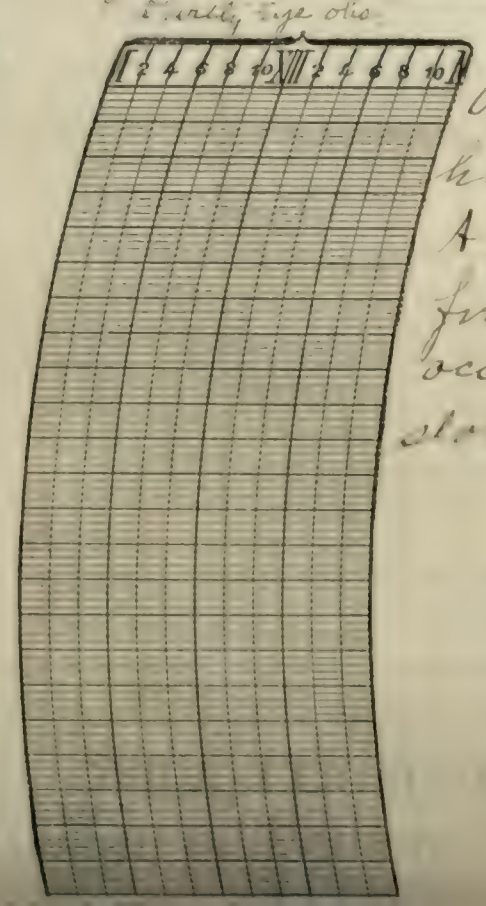
Reduced barometer, 29.12 a. m., [illegible] p. m.

River gage, [illegible] falling

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.







NOTES.

A light fog continued through the early morning hours till 8:30 a.m.

A moderate thunderstorm occurred at night; first thunder heard at 11:30 p.m.; last thunder occurred early on morning of 13th direction of storm northwest.

Prepared by

Verified by

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE ILL, (Day of week) Thurs, (Date) APR 13 1911, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	60	58	57	58	57	57	58	60	61	63	66	67
State of weather: Nature of precipitation and time of beginning and ending	--	--	RE 10 a.									
Amounts of precipitation	T	.17	.04									
Cloudiness and other conditions	← Cldy				→ Clear			← Rn →		← Cloudy		
Sunrise: Time, Character,	5.20 Clear											
Sunshine (in tenths of hours)						0	0.5	0.4	0.6	0.5	0.1	0.4
Wind direction	S	SW	E	SE	S	SW	S	S	S	SW	SW	SW
Wind movement	22	14	9	6	6	5	14	13	13	12	11	12
Maximum velocities (exceeding 25 miles)	28											

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	66	58	54	52	52	52	52	52	52	51	49	45
State of weather: Nature of precipitation and time of beginning and ending			RB. 2:13	RE 3.00 R.B. 3.42		RE 5.47						
Amounts of precipitation			.14	T	.06	.02						
Cloudiness and other conditions												
Sunset: Time, Character,									6.33 Cloudy			
Sunshine (in tenths of hours)	0	0	0.1	0.1	0	0	0					
Wind direction	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW
Wind movement	10	10	11	14	14	5	3	5	7	9	10	10

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
67	45	56	47

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .24 ins.; to 7 p. m., .22 ins.

Total precipitation, midnight to midnight, .43 inches.

Character of day, Cloudy. Moon phase, C. Full

Actual sunshine, hours, 3.1

Possible sunshine, hours, 13.2

Percentage of possible sunshine, 28

Prevailing direction NW

Total movement, 245

Average hourly velocity, 10.2

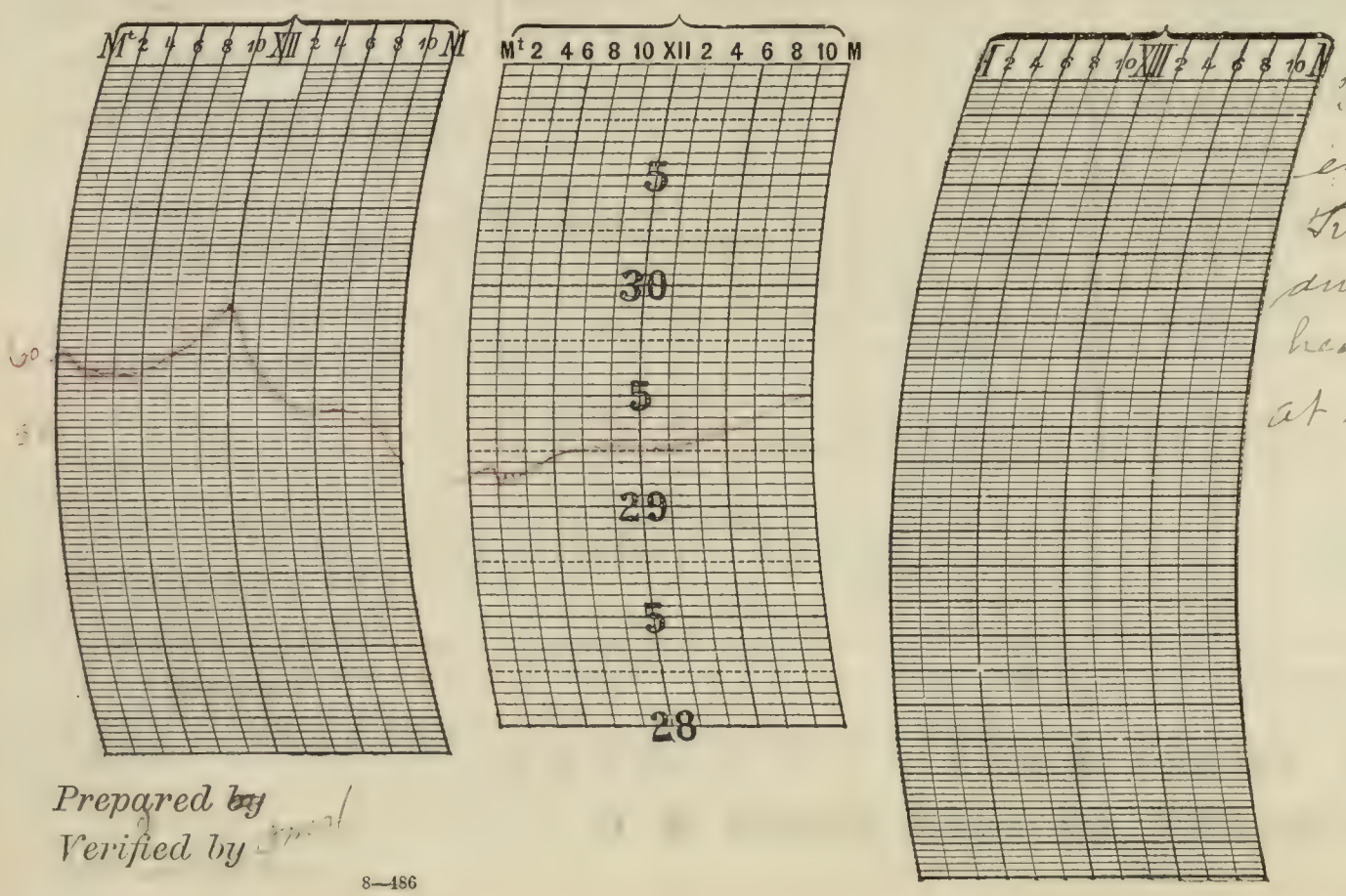
Maximum velocity,	Direction,	Time.
28	SE	12:06 a.

Relative humidity, 88 a. m. ____ p. m.

Reduced barometer, 29.80 a. m. ____ p. m.

River gage, 15.8 on stage

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.



NOTES.

The thunderstorm continuing 13 midt of 12th, ended during the early morning hours. Two moderate thunderstorms from the west occurred during the afternoon:- 1st storm began 2:39 p.; last thunder heard at 2:50 p.; 2nd storm; first thunder heard at 4:38 p.; last at 5:12 p.

Prepared by

Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

LA SALLE, ILL.

DAILY LOCAL RECORD.

(Station) ....., (Day of week) Fri., (Date) APR 14 1911 ....., 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	43	42	41	40	39	37	37	36	40	42	45	47
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions		Clear				→	PC	→				
Sunrise: Time, 5.12 Character, Clear												
Sunshine (in tenths of hours)						0	0	0.8	1.0	1.0	1.0	1.0
Wind direction	NW	N	N	N	N	N	NW	NW	NW	NW	W	NW
Wind movement	6	5	8	5	7	15	17	17	15	17	17	20
Maximum velocities (exceeding 25 miles)												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	46	50	52	53	54	52	50	46	47	45	43	44
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions		→				Clear						
Sunset: Time, 6.32 Character, Clear												
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	1.0	1.0	0.1					
Wind direction	NW	NW	NW	NW	NW	NW	W	W	W	W	SW	SW
Wind movement	19	18	17	15	13	10	5	5	4	6	7	10
Maximum velocities (exceeding 25 miles)												

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts.....

..... hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
54	37	[illegible]	[illegible]

Total depth of snow for 24 hours ending 7 p. m., [illegible] inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, [illegible] inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, [illegible] inches.

Character of day, Clear 3 Moon phase, [illegible]

Actual sunshine, hours, [illegible]

Possible sunshine, hours, [illegible]

Percentage of possible sunshine, [illegible]

Prevailing direction N 11

Total movement, 281

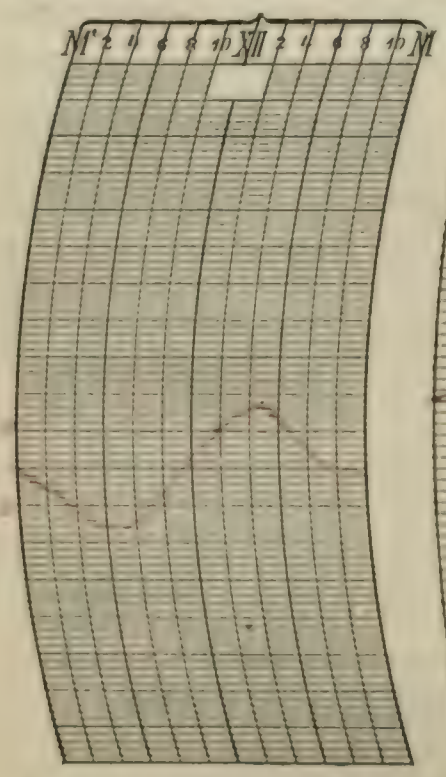
Average hourly velocity, 11.7

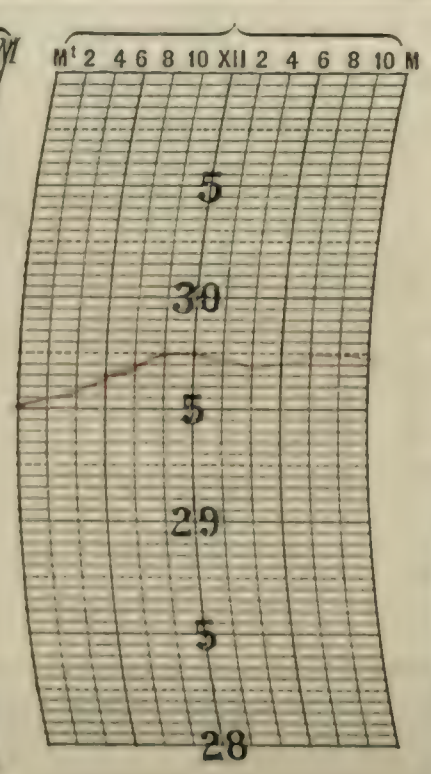
Maximum velocity,	Direction,	Time.
25	N	[illegible]

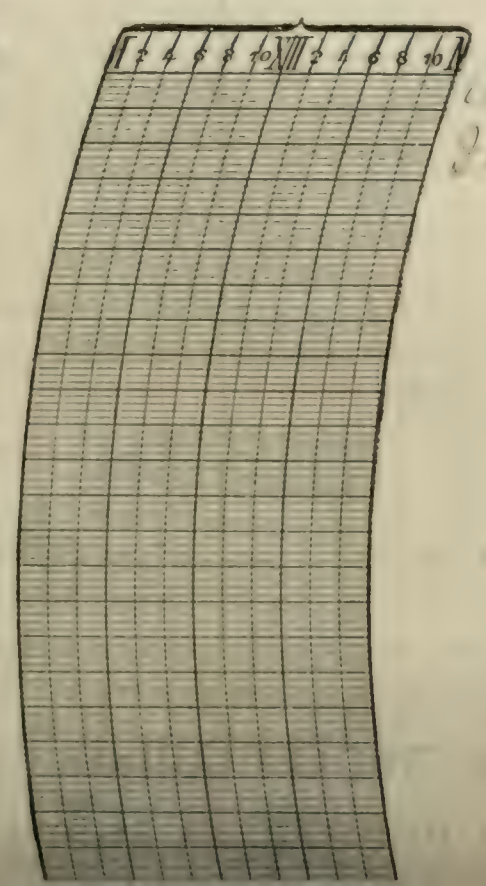
Relative humidity, [illegible] a. m. ..... p. m.

Reduced barometer, 29.36 a. m. ..... p. m.

River stage, [illegible]







NOTES.

A frost warning was received from Chicago Ill. 5.31 a.m.

Prepared by

Verified by

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

LA SALLE, ILL

(Station) _____, (Day of week) Sat., (Date) APR 5 1911, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	44	42	40	38	37	38	40	43	47	52	54	54
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions												
Sunrise: Time, 5.17 Character, Clear												
Sunshine (in tenths of hours)						0	0.8	1.0	1.0	1.0	1.0	1.0
Wind direction	SW	W	W	W	W	W	W	W	SW	SW	W	W
Wind movement	10	12	8	5	7	7	9	11	14	17	24	28
Maximum velocities (exceeding 75 miles)											38	33

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	54	55	55	54	54	52	49	47	44	42	41	42
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Pt. Cldy.					Clear						
Sunset: Time, 6.35 Character, Clear												
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	1.0	0.4	0					
Wind direction	W	NW	NW	NW	NW	NW	W	W	W	W	W	W
Wind movement	28	30	30	33	25	24	15	8	8	5	6	8
Maximum velocities (exceeding 75 miles)	33	34	33	31	30	28						

	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
55	37	46	50

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase, "

Actual sunshine, hours, 13.3

Possible sunshine, hours, 13.3

Percentage of possible sunshine, 100

Prevailing direction W

Total movement, 366

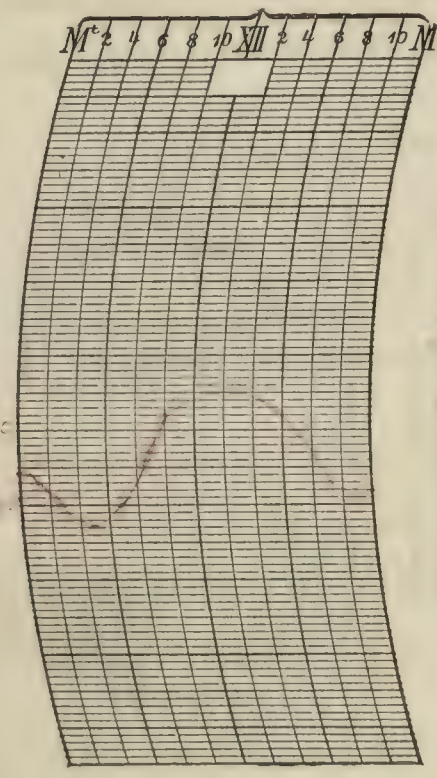
Average hourly velocity, 15.4

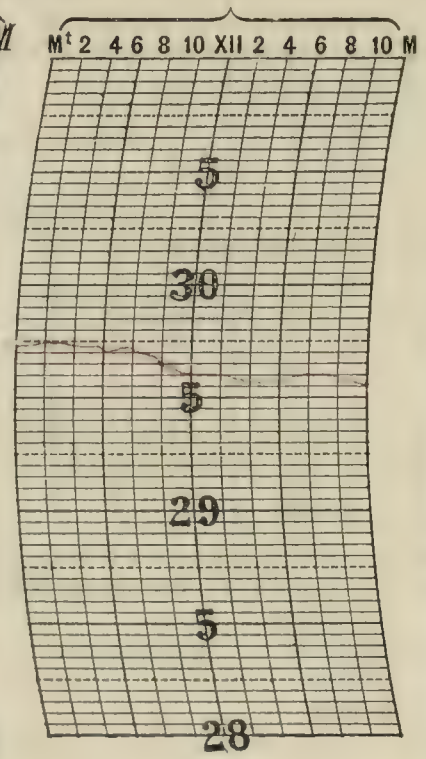
Maximum velocity,	Direction,	Time.
34	W	1.47 p.

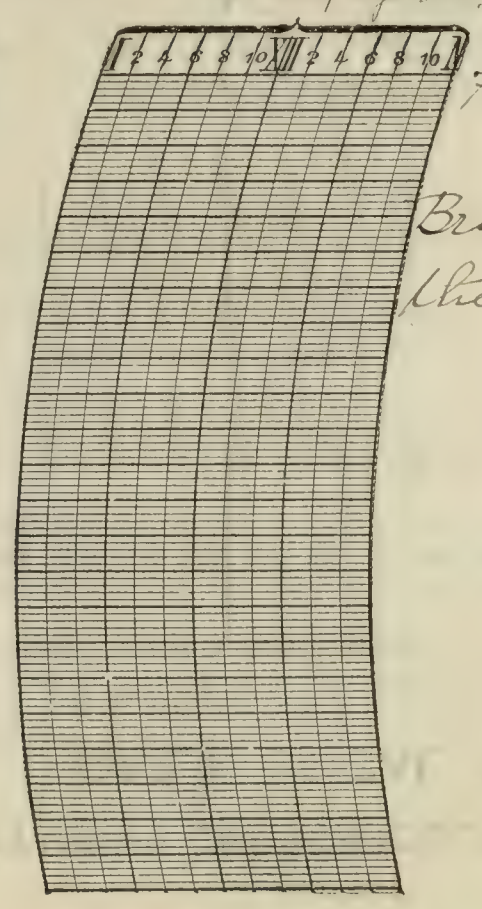
Relative humidity, 72 a. m. ____ p. m.

Reduced barometer, 30.30 a. m. ____ p. m.

River gage, 16.1 rising







NOTES. ÷ for 23h. 15m.

Frost warning received from Chicago Ill. 8.49 am.

Brisk to high westerly winds prevailed during the day.

Prepared by

Verified by Omt.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

LA SALLE, ILL. APR 1 1911

(Station) LA SALLE, ILL., (Day of week) Saturday, (Date) APR 1 1911, 191

Time (local standard), 75th mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	41	40	40	39	38	38	41	46	49	52	55	58	60	62	63	61	62	59	56	54	52	44	45	43
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					Clear						Pt Cldy				Cloudy						Clear			
Sunshine (in tenths of hours)						0	0.3 0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0	0	0					
Wind direction	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	NW	NW	N	N	N	NE	NE	NE
Wind movement	9	8	8	8	6	6	8	8	11	11	13	16	17	16	15	16	16	14	5	3	3	2	2	5
Maximum velocities (exceeding 25 miles)																								

Sunrise: Time, 5.15; Character, Clear

Sunset: Time, 6.36; Character, Cloudy

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
63	27	52	50

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Pt Cldy 7 Moon phase, 0

Actual sunshine, hours, 10.0

Possible sunshine, hours, 12.3

Percentage of possible sunshine, 81

Prevailing direction, N

Total movement, 242

Average hourly velocity, 10.1

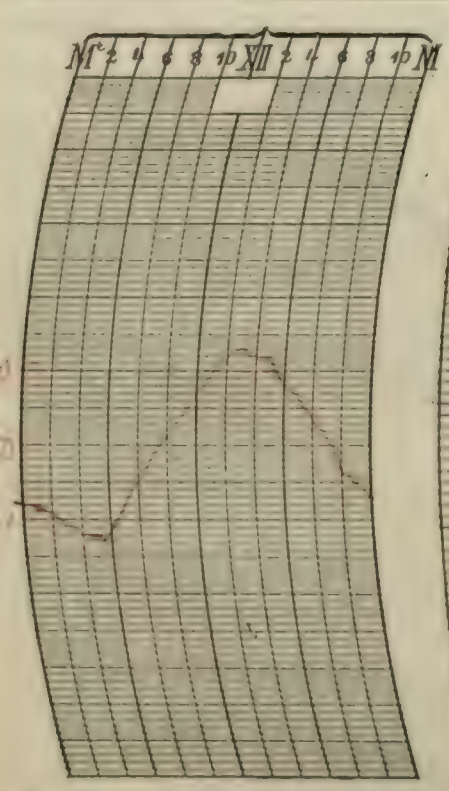
Maximum velocity,	Direction,	Time.
23	N W	2.04 p

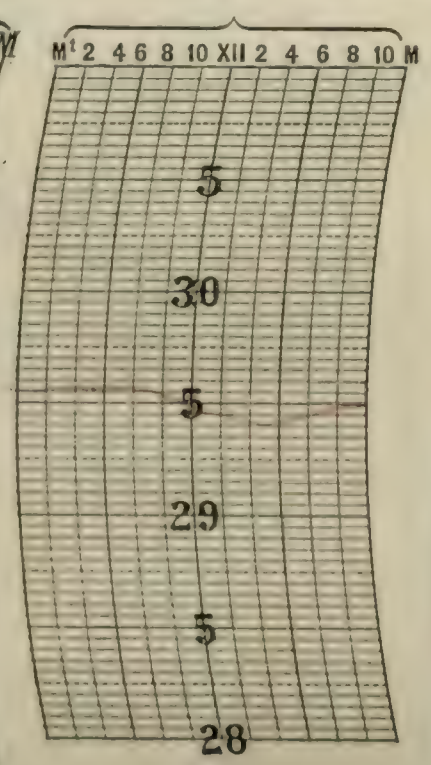
Relative humidity 68 a. m. p. m.

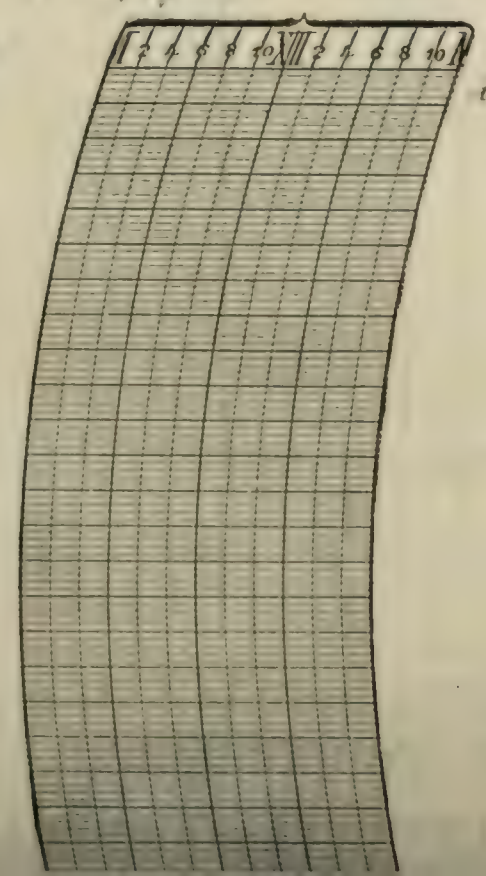
Reduced barometer, 29.15 a. m. p. m.

River gage, 2.5 Rising

St Paul, Tyndall







NOTES.

light frost observed

Prepared by

Verified by

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Tuesday, (Date) APR 17 1912, 191

Time (local standard) 90th mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	40	39	37	36	35	34	37	43	51	57	61	62
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	4	moon visible			Clear							→
Sunrise: Time, Character,	5:13 Clear											
Sunshine (in tenths of hours)						70 .63 0	0.4 0.6	1.0	1.0	1.0	1.0	1.0
Wind direction	NE	NE	0	NE	NE	C	NE	NE	SW	E	SE	S
Wind movement	6	3	0	1	1	C	3	4	3	6	6	5

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	65	66	67	68	68	66	63	60	59	57	55	54
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	4		Clear									
Sunset: Time, Character,									6:38 Clear			
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	1.0	0.4 0.6	63 0					
Wind direction	S	S	S	S	S	S	SE	SE	SE	SE	SE	SE
Wind movement	8	9	8	9	9	7	5	4	5	8	10	9

Maximum velocities (exceeding 25 miles)

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
68	34	51	58

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear; Moon phase,

Actual sunshine, hours, 13.4

Possible sunshine, hours, 13.4

Percentage of possible sunshine, 100

Prevailing direction SE

Total movement, 132

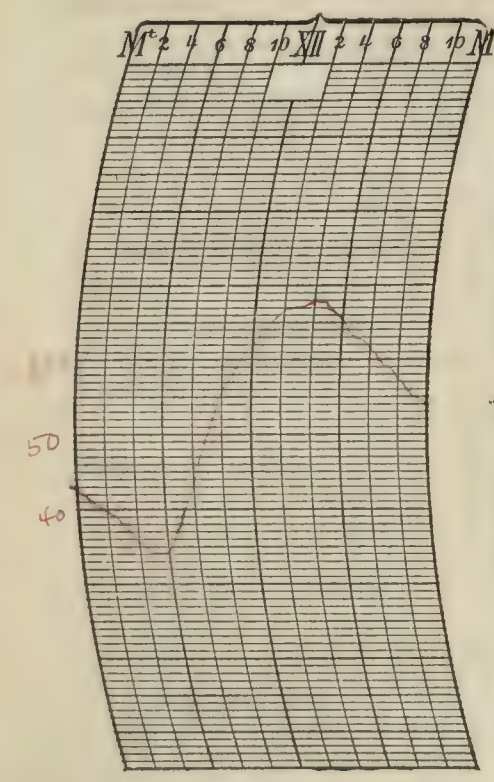
Average hourly velocity, 5.5

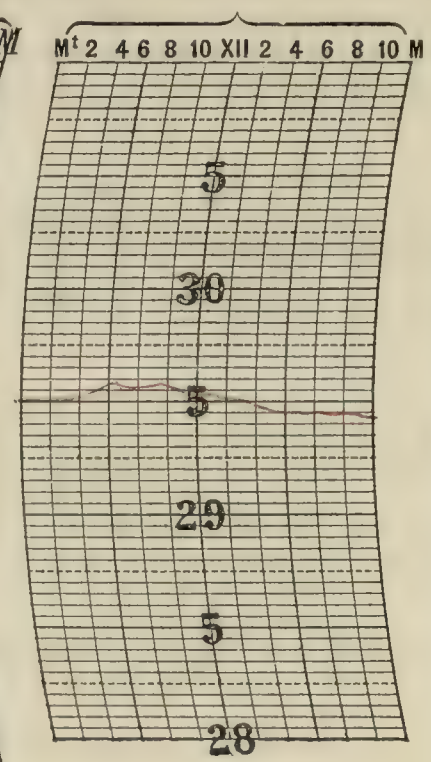
Maximum velocity,	Direction,	Time.
12	S	10:25 p.

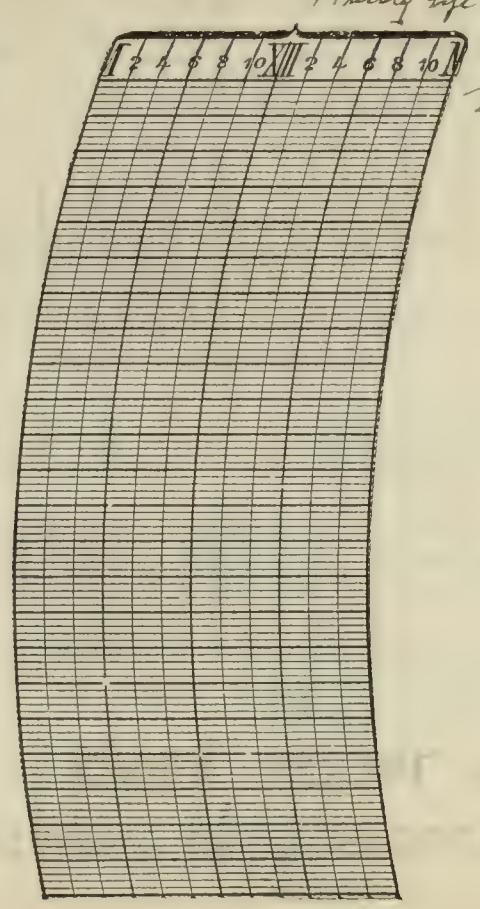
Relative humidity, 93 a. m. p. m.

Reduced barometer, 30.14 a. m. p. m.

River gage, 16.8 rising.







NOTES.

Heavy frost.

Prepared by

Verified by OMM.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) LASALLE ILL, (Day of week) [illegible], (Date) APR. [illegible] 1911, 191

Time (local standard), 7 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	51	50	48	49	50	50	51	54	55	58	64	60
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	2					Cloudy				8.0		2
Sunrise: Time, 5.7 Character, Cloudy												
Sunshine (in tenths of hours)						0	0	0	0	0.4	1.0	0.6
Wind direction	S	SE	SW	SE	SE	SE	S	SW	S	S	S	S
Wind movement	11	10	5	3	3	3	5	6	14	8	14	16

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	59	60	59	58	57	56	55	54	56	55	54	55
State of weather: Nature of precipitation and time of beginning and ending					RB 4.20					RE 10 P		
Amounts of precipitation					T	T	T	T	T	T		
Cloudiness and other conditions					Cloudy							
Sunset: Time, 6.0 Character, Cloudy												
Sunshine (in tenths of hours)	0.2	0.6	0	0	0	0	0					
Wind direction	S	S	S	S	S	S	S	S	S	S	S	S
Wind movement	13	15	13	13	12	10	10	9	7	7	6	5

Excessive precipitation, accumulated amounts

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

[illegible] hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
64	48	55	57

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Cloudy; Moon phase,

Actual sunshine, hours, 8

Possible sunshine, hours, 13.4

Percentage of possible sunshine, 2

Prevailing direction, S

Total movement, 212

Average hourly velocity, 5.8

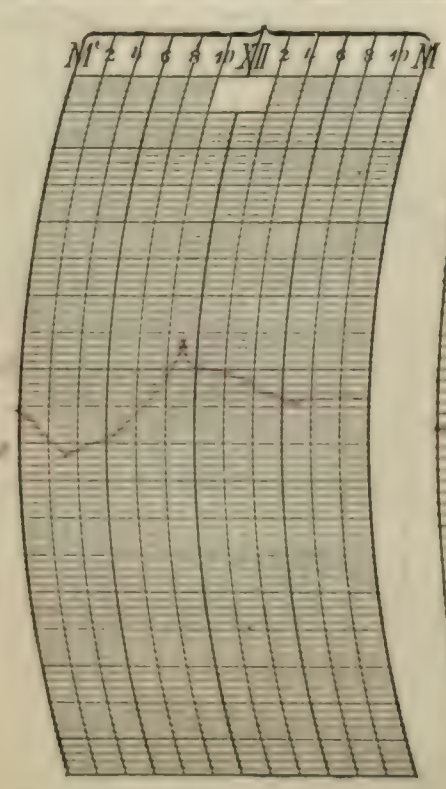
Maximum velocity.	Direction.	Time.
41	S	

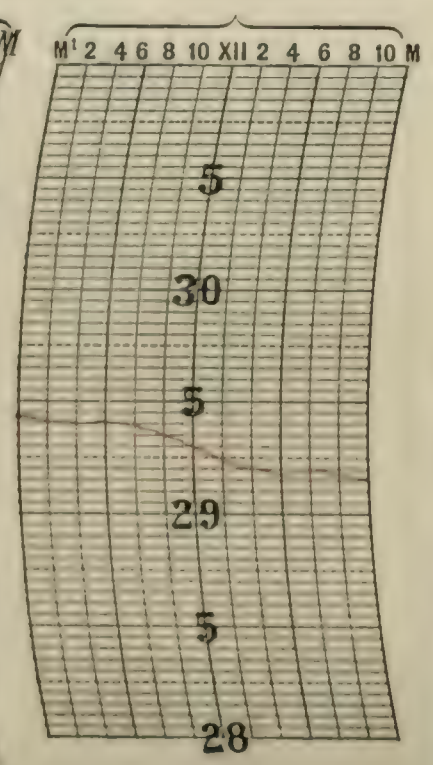
Relative humidity, 87 a. m. p. m.

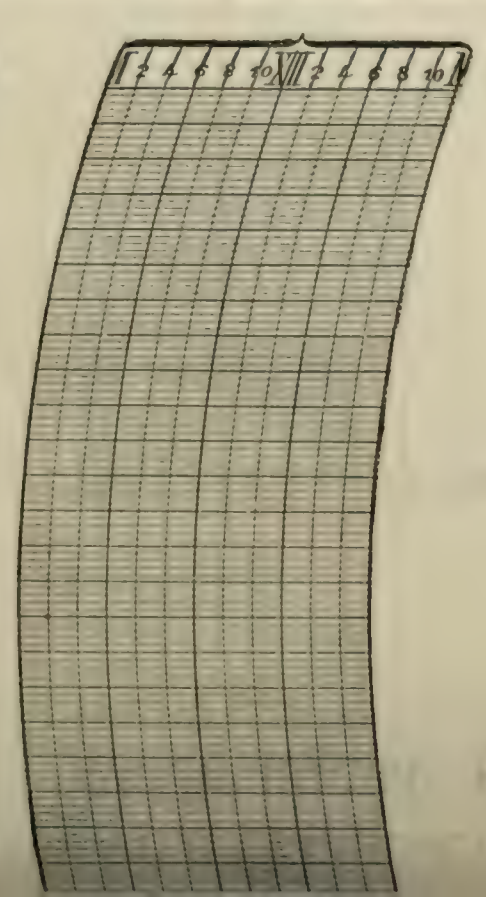
Reduced barometer, [illegible] a. m. p. m.

River gage, [illegible]

NOTES.







Prepared by

Verified by

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

LA SALLE, ILL. (Station), Wed. (Day of week), APR 1 4 1911 (Date), 191

Time (local standard), 1 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	56	56	56	56	54	53	53	53	54	54	53	51
State of weather: Nature of precipitation and time of beginning and ending	RB Dur	–	–	–	–	–	–	–	–	–	–	–
Amounts of precipitation	T	T	T	T	.02	T	T	T	T	T	T	.03
Cloudiness and other conditions	moon obscured	–	–	–	Cloudy							→
Sunrise: Time, Character,	5.11 Cloudy.											
Sunshine (in tenths of hours)						0	0	0	0	0	0	0
Wind direction	S	SW	S	SW	SW	SW	SW	SW	SW	W	W	W
Wind movement	6	5	5	10	8	6	4	3	4	9	15	13
Maximum velocities (exceeding 75 miles)												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	51	51	52	54	54	53	53	54	53	53	54	51
State of weather: Nature of precipitation and time of beginning and ending	–	–	–	RE 3.32					RB 8.25	RE 9.15		
Amounts of precipitation	.13	.07	.08	.02					T	T		
Cloudiness and other conditions	→				Cloudy							→
Sunset: Time, Character,									6.39 Cloudy			
Sunshine (in tenths of hours)	0	0	0	0	0	0	0					
Wind direction	W	W	W	W	NW	NW	NW	NW	N	N	N	NE
Wind movement	13	10	10	13	17	14	13	12	11	9	11	11
Maximum velocities (exceeding 75 miles)												

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
56	51	54	51

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .22 ins.; to 7 p. m. .23 ins.

Total precipitation, midnight to midnight, .25 inches.

Character of day, Cloudy 10 Moon phase,

Actual sunshine, hours, 0

Possible sunshine, hours, 13.5

Percentage of possible sunshine, 0

Prevailing direction SW-W.

Total movement, 237

Average hourly velocity, 9.7

Maximum velocity,	Direction,	Time.
20	NW	4:44 p.

Relative humidity, 92 a. m. p. m.

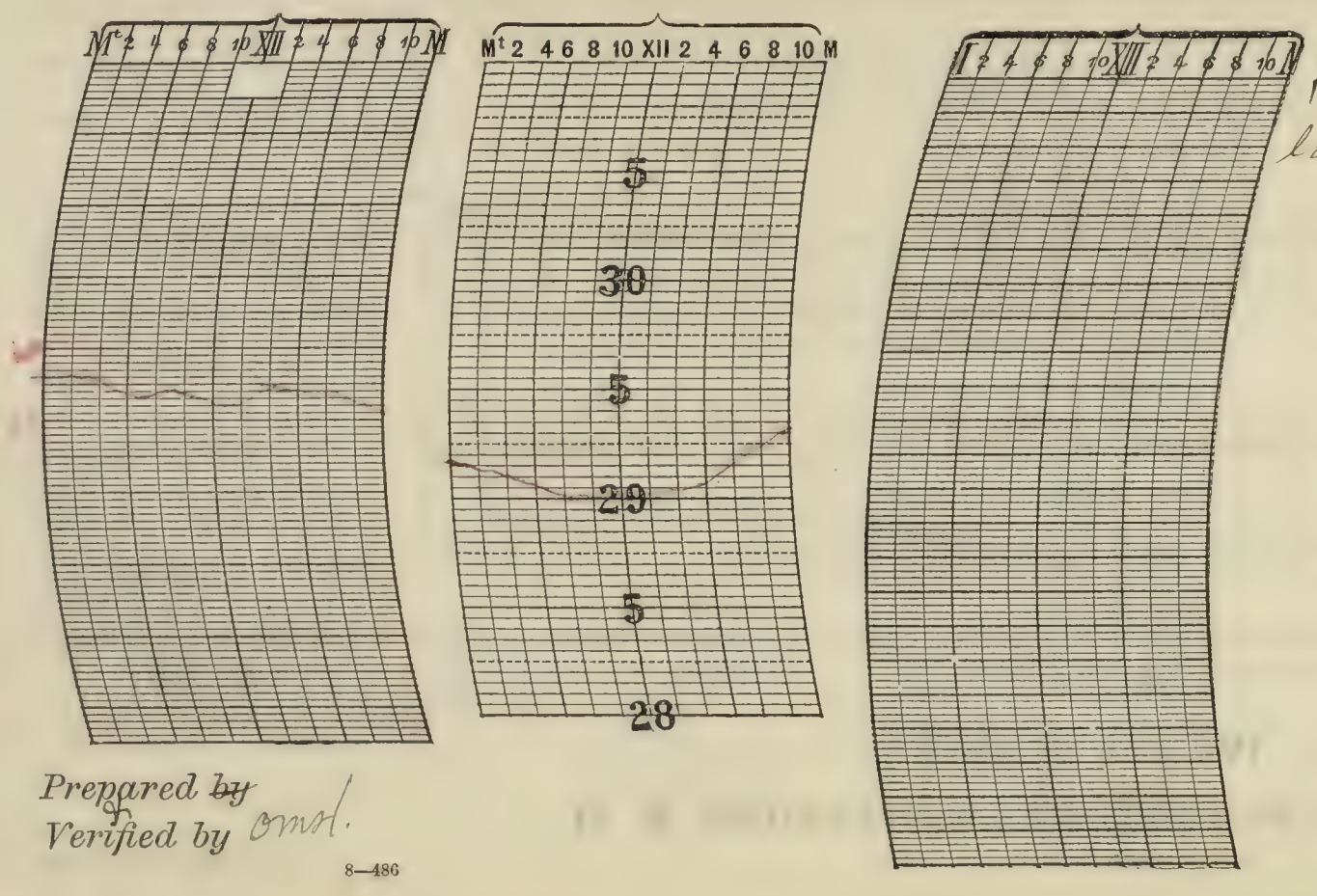
Reduced barometer, 29.61 a. m. p. m.

River gage, 16.5 falling.

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.



NOTES.

T. Thunderstorm:- First thunder heard at 10:50 a.; last at 11:16 a.; the storm came from west.

Prepared by
Verified by Omd.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Thursday, (Date) APR 27 1911, 191

Time (local standard), 6 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	50	49	48	46	45	44	47	49	52	57	59	61	63	66	66	67	66	65	64	62	60	60	59	58
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions																								
Sunrise: Time, 5.29; Character, Clear																								
Sunset: Time, 6.44; Character, Clear																								
Sunshine (in tenths of hours)						0	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0					
Wind direction	NE	N	N	N	N	N	N	NE	NE	NE	NE	NE	NE	W	NW	NW	W	W	W	W	W	W	W	NW
Wind movement	9	7	8	7	5	5	7	7	6	6	5	5	5	4	4	5	7	6	7	8	7	10	6	5
Maximum velocities (exceeding 25 miles)																								

Cloudiness and other conditions: 12-1 Clear; 5-6 Clear; 6-7 Clear; 8-9 Cloudy.

Excessive precipitation, accumulated amounts:

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
67	44	56	57

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., T ins.; to 7 p. m., — ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Clear. Moon phase, —

Actual sunshine, hours, 13.1

Possible sunshine, hours, 13.5

Percentage of possible sunshine, 97

Prevailing direction, NW

Total movement, 147

Average hourly velocity, 6

Maximum velocity.	Direction.	Time.
24	NW	2.30 p

Relative humidity, 23 a. m. ____ p. m.

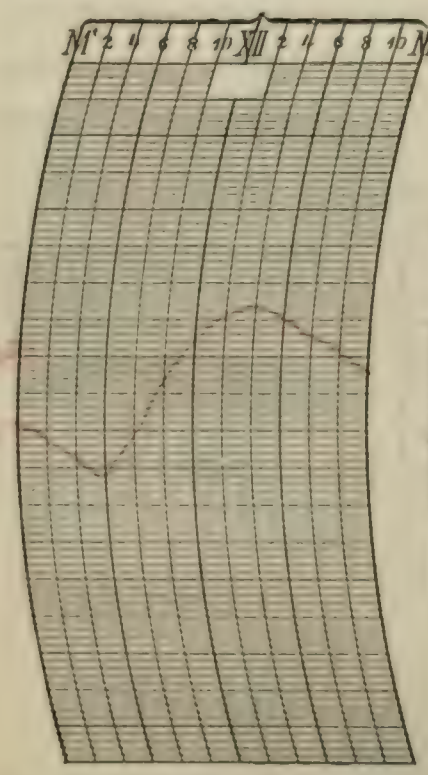
Reduced barometer, 30.12 a. m. ____ p. m.

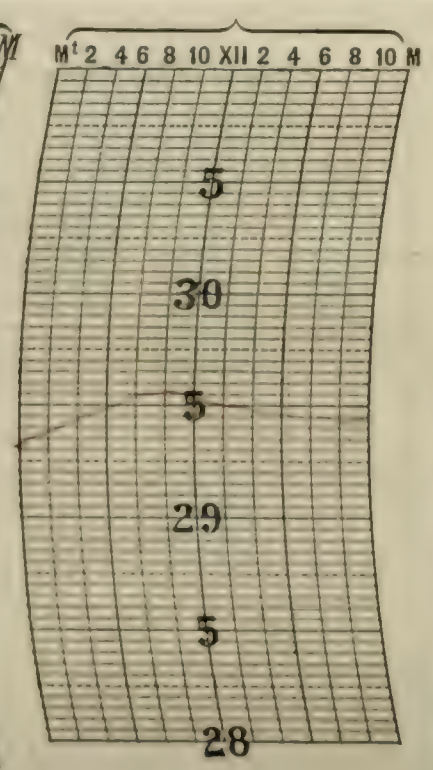
River gage, 10.2 feet

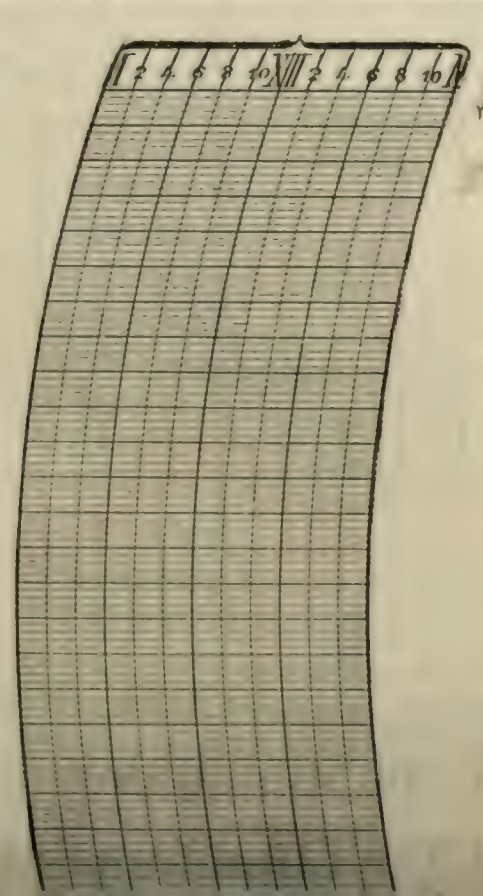
NOTES.

* Clouded up rapidly after sunset.

† Frost warning was received from Chicago Bureau.







Prepared by

Verified by

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Tue., (Date) APR 2 1912, 191

Time (local standard), 75th mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	57	54	51	49	47	45	48	50	52	57	58	60
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	moon visible				Clear			P.C.		Cldy	P.C.	
Sunrise: Time, Character	5.08 Clear											
Sunshine (in tenths of hours)						0	1.0	1.0	0.8	1.0	0.8	1.0
Wind direction	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW
Wind movement	8	7	6	7	9	8	9	9	6	8	8	9

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	61	63	58	55	57	48	46	46	44	43	42	42
State of weather: Nature of precipitation and time of beginning and ending			RB. 2.54	RE 3.17								
Amounts of precipitation			T	T								
Cloudiness and other conditions				Cloudy								
Sunset: Time, Character									6.42 Cloudy			
Sunshine (in tenths of hours)	1.0	1.0	0.3	0.4	0.3	0	0					
Wind direction	W	W	NE	NE	NE	NE	NE	NE	NE	NE	N	N
Wind movement	9	11	11	12	11	16	13	9	8	6	6	7

Maximum velocities (exceeding 45 miles)

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
64	42	53	53

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 1 inches.

Precipitation to 7 a. m., .01 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Cloudy 9. Moon phase, C L Q

Actual sunshine, hours, 9.5

Possible sunshine, hours, 13.6

Percentage of possible sunshine, 70

Prevailing direction NW

Total movement, 213

Average hourly velocity, 8.9

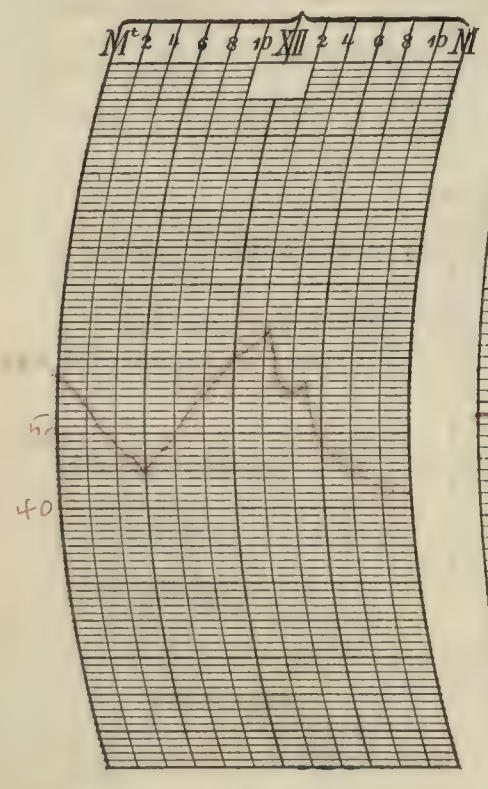
Maximum velocity,	Direction,	Time.
13	NE	5:12 p

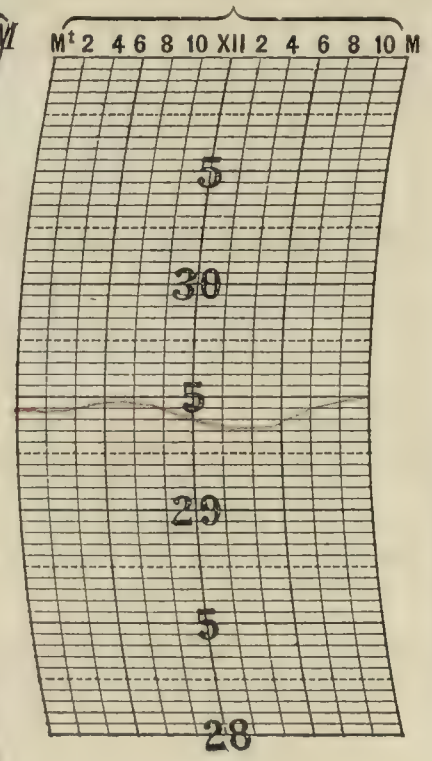
Relative humidity, 90 a. m. ____ p. m.

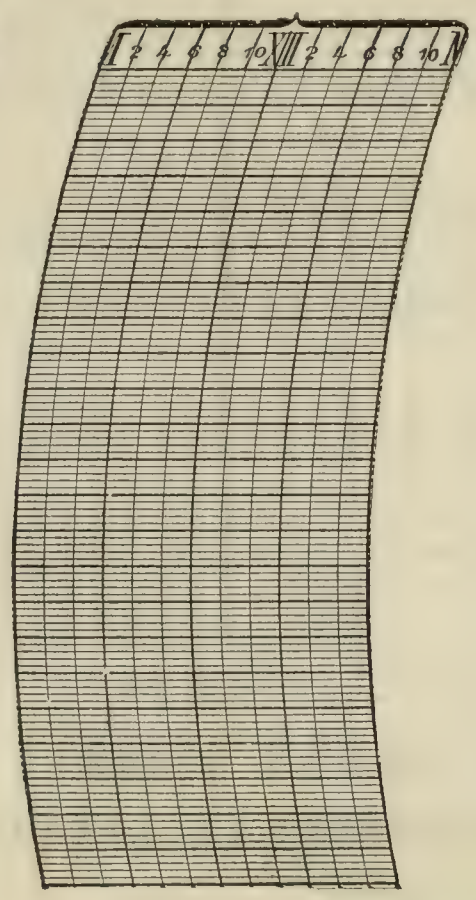
Reduced barometer, 30.03 a. m. ____ p. m.

River gage, 16.8 rising

NOTES.







Prepared by
Verified by Owst.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL. , (Day of week) Tu , (Date) APR 4 1911 , 191

Time (local standard), 90th mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	40	39	38	37	36	36	40	47	44	49	51	52
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	4				Clear	→	→	→	Pt. Cloudy	→	→	→
Sunshine (in tenths of hours)	Sunrise: Time, 5.56 Character, Clear					10	10	10	10	10	10	09
Wind direction	N	N	N	N	N	N	N	NE	NE	NE	NE	NE
Wind movement	7	7	7	9	8	8	9	9	9	8	8	9

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	59	53	54	53	52	51	49	45	42	41	40	38
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	→	→	→	→	→	→	Clear	→	→	→	→	→
Sunshine (in tenths of hours)	10	10	07	07	04	06	10		Sunset: Time, 6.43 Character, Clear			
Wind direction	NE	NE	NE	NE	NE	E	E	E	NE	E	NE	NE
Wind movement	6	8	10	11	11	10	8	10	8	6	6	14

Hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
55	34	46	52

Total depth of snow for 24 hours ending — p. m., — inches

Snow on ground — p. m., 6 inches.

Total snowfall, midnight to midnight, — inches

Precipitation to — a. m., — ins.; to — p. m., — ins.

Total precipitation, midnight to midnight, — inches

Character of day, Clear Moon phase,

Actual sunshine, hours,

Possible sunshine, hours,

Percentage of possible sunshine,

Prevailing direction, NE

Total movement, 197

Average hourly velocity, 8.3

Maximum velocity.	Direction.	Time.
14	NE	5.56 p.

Relative humidity, 50 a. m. p. m.

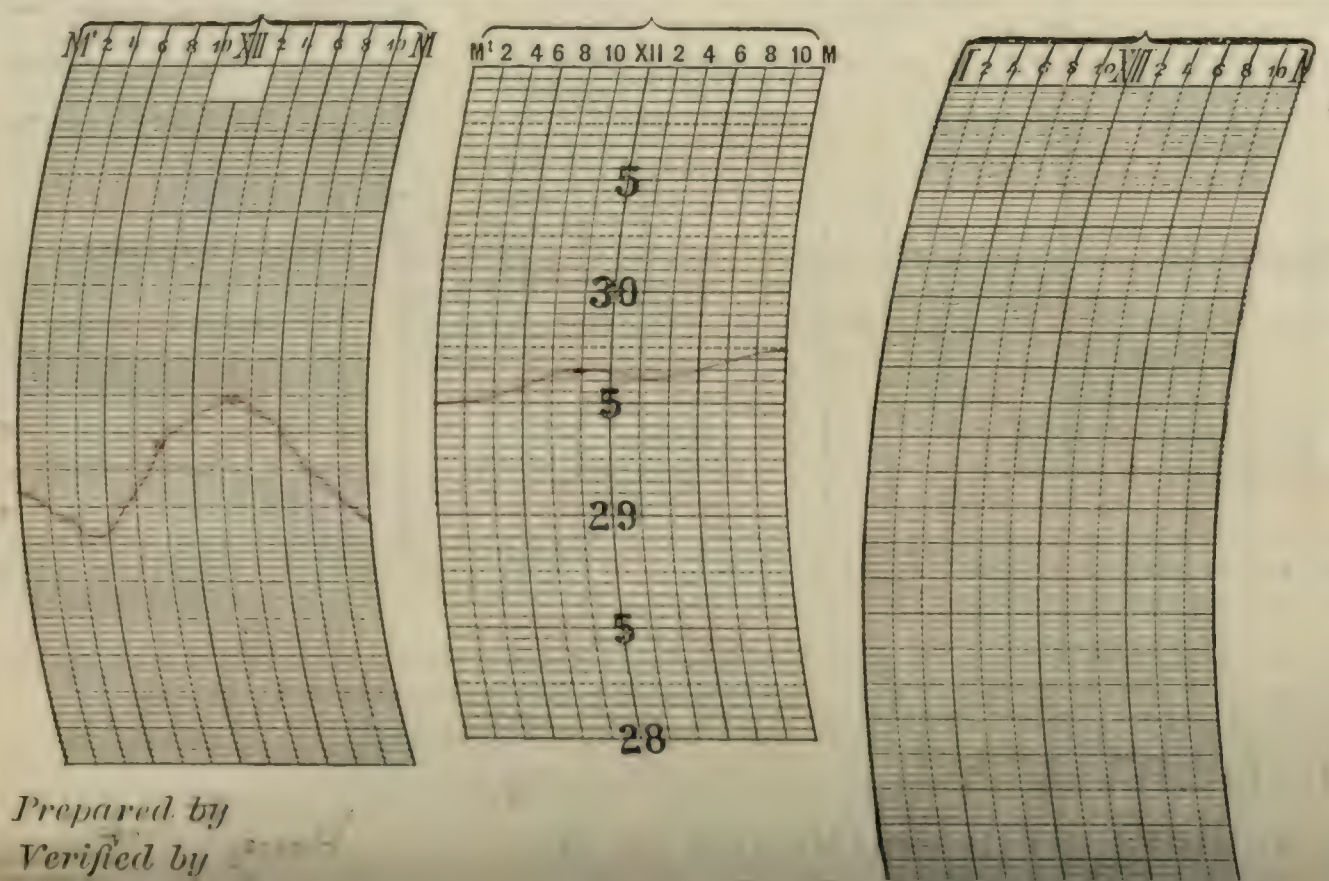
Reduced barometer, 30.14 a. m. p. m.

River gage, 6.05 ft. [illegible]

Excessive precipitation, accumulated amounts

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min	120 min.

NOTES.



Light frost observed

Prepared by

Verified by

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

LA SALLE, ILL.

DAILY LOCAL RECORD.

APR 3 1911

(Station) _____, (Day of week) Sunrd, (Date) _____, 191

Time (local standard); 75 mer.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	38	37	35	34	35	36	40	43	48	50	52	53	53	54	54	55	54	52	50	47	46	42	41	40
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions		moon visible				Clear					Pt. Cldy.										Clear			
Sunrise: Time, Character,	5.35																							
Sunset: Time, Character,																					6.44	Clear		
Sunshine (in tenths of hours)						.92 0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.6	0.8	0.6	0.3	0.2	0					
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE
Wind movement	6	3	1	2	5	5	7	9	11	11	12	11	9	10	10	10	10	10	8	7	7	5	4	3
Maximum velocities (exceeding 45 miles)																								

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
55	34	44	53

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Pt. Cldy 4 Moon phase, _____

Actual sunshine, hours, 11.4

Possible sunshine, hours, 13.6

Percentage of possible sunshine, 84

Prevailing direction NE

Total movement, 176

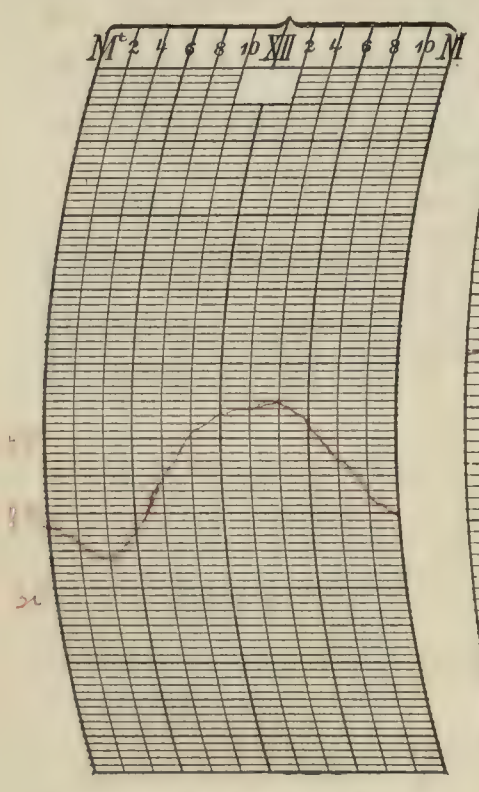
Average hourly velocity, 7.3

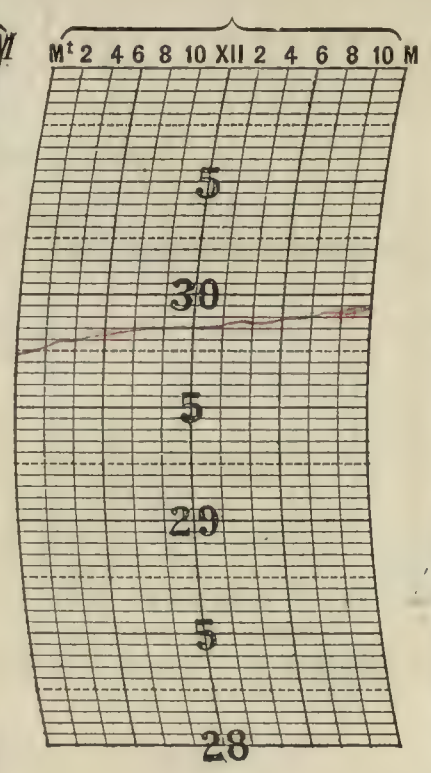
Maximum velocity,	Direction,	Time.
14	NE	5.33 p

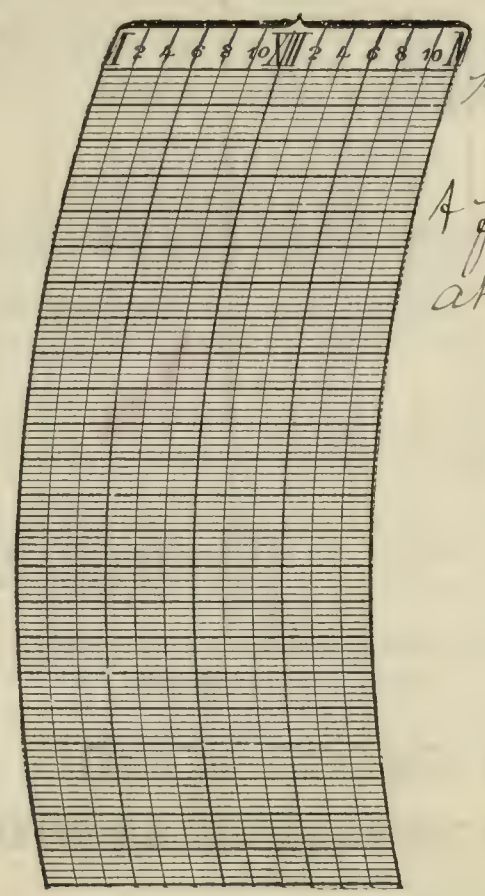
Relative humidity, 83 a. m. _____ p. m.

Reduced barometer, 30.45 a. m. _____ p. m.

River gage, 16.7 falling.







NOTES.

Heavy frost.

A frost warning was received from Chicago, Ill, at 9:40 am.

Prepared by
Verified by Owen.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

LA SALLE, ILL. (Station) ..... (Day of week) Wednesday, (Date) APR 1911 ....., 191

Time (local standard), 90th mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	34	35	33	35	34	36	39	48	51	54	55	56	56	57	57	56	56	56	55	52	48	45	44	43
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions																								
Sunrise: Time, 5.25; Character, Clear																					Sunset: Time, 6.45; Character, Cloudy			
Sunshine (in tenths of hours)						0	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	0	0	0					
Wind direction	NE	NE	N	NE	NE	NE	NE	NE	NE	E	E	E	NE	E	ENE	E	E	SE	E		NE	NE	NE	NE
Wind movement	5	4	4	7	4	9	5	6	6	6	6	6	7	7	8	7	6	6	5	4	6	6	7	5
Maximum velocities (exceeding 25 miles)																								

Excessive precipitation, accumulated amounts

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

..... 1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
58	32	45	55

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., ... ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Pt. Cloudy. Moon phase, ...

Actual sunshine, hours, 10.0

Possible sunshine, hours, 13.7

Percentage of possible sunshine, 73%

Prevailing direction, NE

Total movement, 127

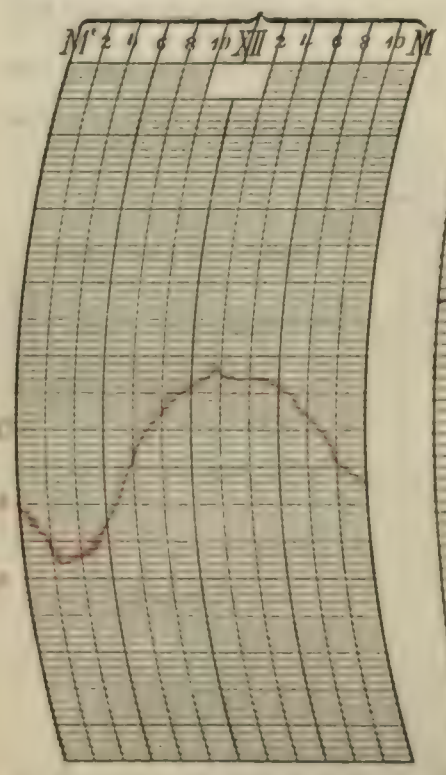
Average hourly velocity, 5.3

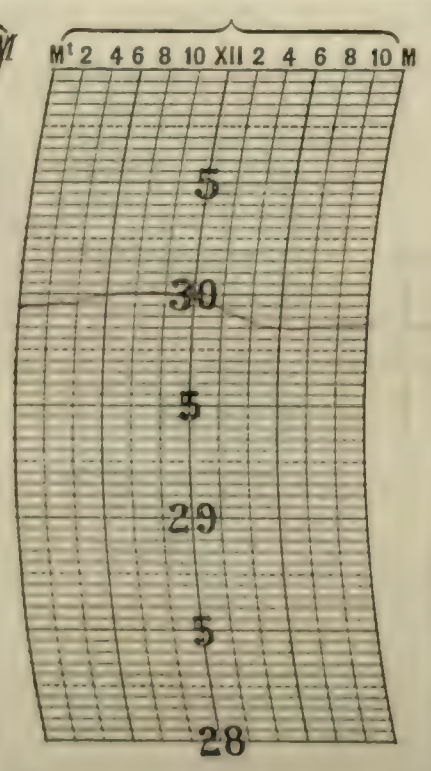
Maximum velocity,	Direction,	Time.
10	E	5.22 p. m.

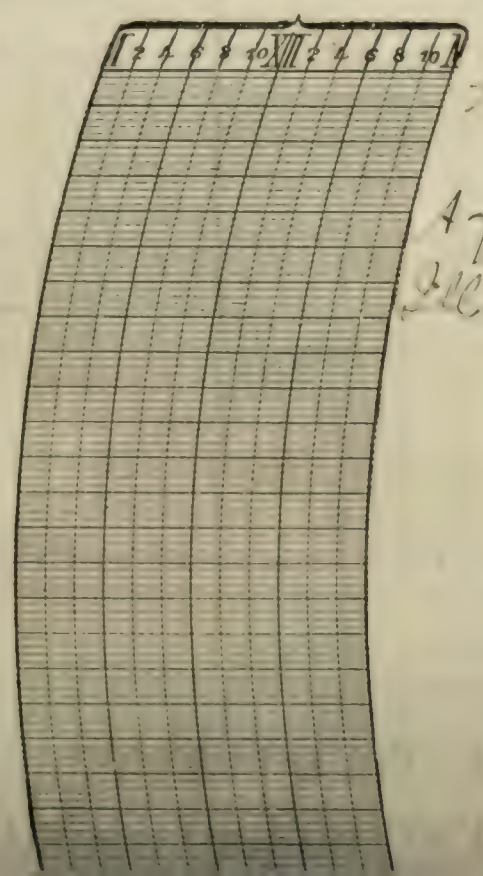
Relative humidity, 65 a. m. ..... p. m.

Reduced barometer, 30.06 a. m. ..... p. m.

River gage, 16.5 falling







NOTES.

Killing frost this morning

A frost warning was received from Chicago

Ill. 8.35 a.m.

Prepared by

Verified by

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Tues., (Date) APR 25 1911, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	41	39	38	38	37	36	40	48	55	59	61	62
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	← moon visible				Clear							→
Sunrise: Time, Character, 5:07 Clear												
Sunshine (in tenths of hours)						0	0.4	1.0	1.0	1.0	1.0	1.0
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE
Wind movement	3	4	3	2	2	1	2	2	6	7	7	9
Maximum velocities (exceeding 25 miles)												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	63	63	65	64	64	63	61	58	53	50	48	46
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	←				Clear							→
Sunset: Time, Character, 6:46 Clear												
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	1.0	1.0	0					
Wind direction	E	SE	SE	SE	SE	SE	E	E	E	E	E	E
Wind movement	8	8	7	7	8	7	6	6	10	10	10	8
Maximum velocities (exceeding 25 miles)												

	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
65	36	50	53

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear, Moon phase,

Actual sunshine, hours, 13.7

Possible sunshine, hours, 13.7

Percentage of possible sunshine, 100

Prevailing direction NE

Total movement, 143

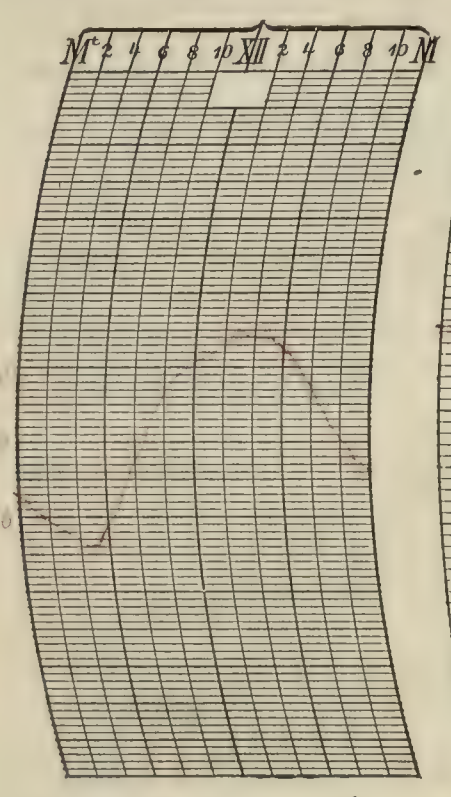
Average hourly velocity, 6.0

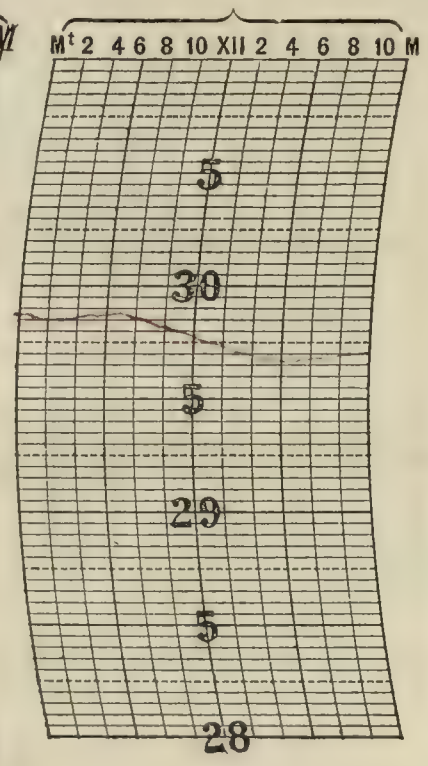
Maximum velocity, 12 Direction, E Time, 9:45 p.

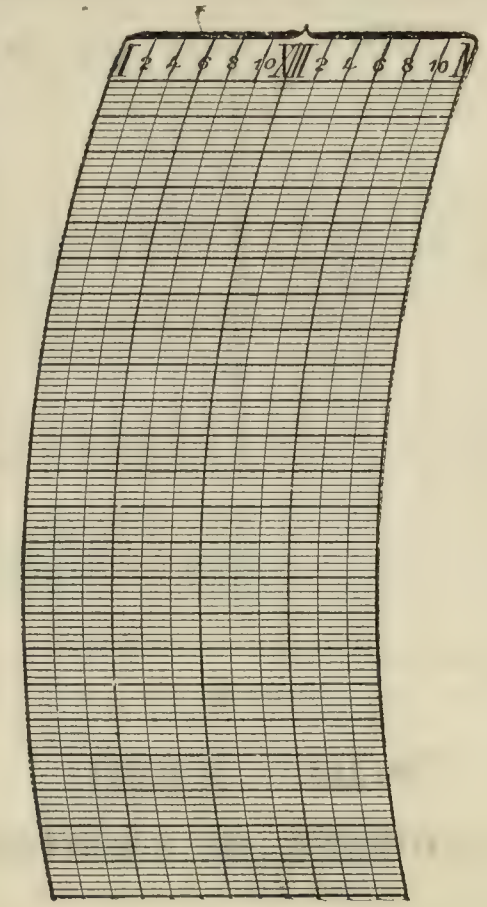
Relative humidity, 68 a. m. p. m.

Reduced barometer, 30.46 a. m. p. m.

River gage, 16.3 falling







NOTES.

Light frost observed.

Prepared by
Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

LA SALLE, ILL.

(Station) ....., (Day of week) Wed, ..., (Date) APR 26 1911 ....., 191

Time (local standard), Cmer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	45	43	41	41	40	40	45	53	59	64	66	69	70	71	71	72	71	70	68	66	64	62	61	58
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions	<					Clear							>	<	Partly	>	<		Cloudy				Clear	>
Sunrise: Time, Character	500 Clear																				Sunset: Time, Character 6:47 Cloudy			
Sunshine (in tenths of hours)					—	1.00 0	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0	0	0					
Wind direction	E	E	E	NE	E	NE	NE	E	SE	SE	SE	SE	SE	S	S	S	S	S	SE	SE	SE	S	S	S
Wind movement	8	6	5	5	6	6	6	5	11	13	12	12	12	12	11	12	11	7	4	5	6	8	7	7
Maximum velocities (exceeding 25 miles)																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

..... hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
72	40	56	54

Total depth of snow for 24 hours ending 7 p. m., ... inches.

Snow on ground 7 p. m., ... inches.

Total snowfall, midnight to midnight, ... inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, ... inches.

Character of day, Partly Cloudy Moon phase, ...

Actual sunshine, hours, 11.0

Possible sunshine, hours, ...

Percentage of possible sunshine, ...

Prevailing direction SE - S

Total movement, 177

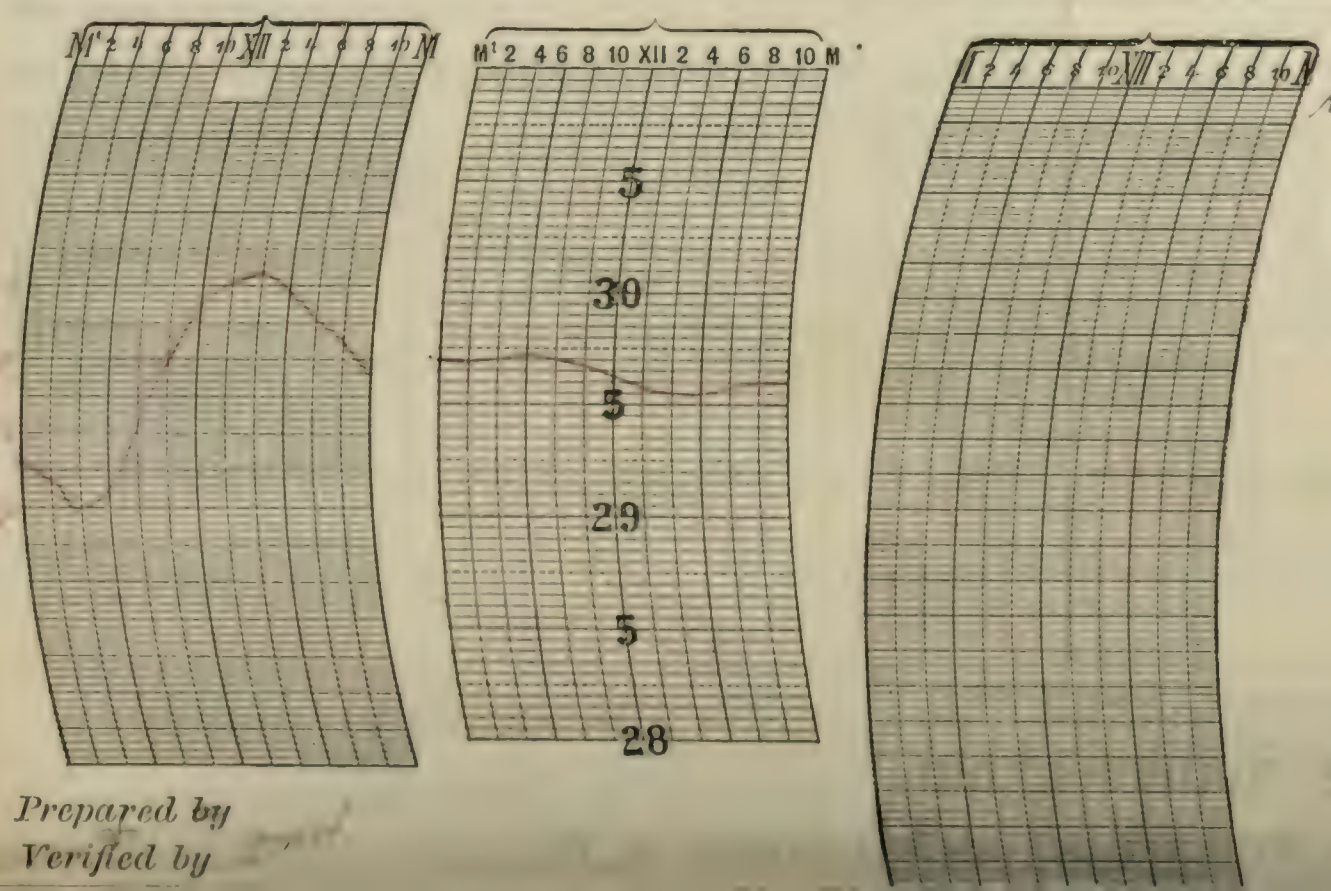
Average hourly velocity, ...

Maximum velocity.	Direction.	Time.
16	S	

Relative humidity, 71 a. m. ..... p. m.

Reduced barometer 30.24 a. m. ..... p. m.

River gage, 16.2 falling



NOTES.

A solar halo was observed at 1:00 p.m.

Prepared by

Verified by

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LASALLE ILL., (Day of week) Thurs., (Date) APR. 27 1911, 191

Time (local standard), 6 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	56	54	54	53	53	52	54	56	59	65	64	65
State of weather: Nature of precipitation and time of beginning and ending											RB. 10:52	RE 11:04
Amounts of precipitation											T	T
Cloudiness and other conditions				Cloudy								
Sunrise: Time, Character,	4:59 Cloudy											
Sunshine (in tenths of hours)					0	0	0	0	0	0.8 ϕ	0.6	0.8
Wind direction	S	SE	SE	SE	SE	S	SE	SE	SE	SE	S	SE
Wind movement	7	3	3	3	3	4 ~~3~~	3	4	5	9	11	12
Maximum velocities (exceeding 7 miles)												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	65	68	63	60	59	58	57	57	57	56	55	55
State of weather: Nature of precipitation and time of beginning and ending							RB. 6:40	RE 7:10	R.B. 8:38	--	--	--
Amounts of precipitation							T	T	T	.02	.03	.03
Cloudiness and other conditions					Cloudy		no	moon				
Sunset: Time, Character,									6:48 Cloudy			
Sunshine (in tenths of hours)	0.6	1.0	0	0	0	0	0					
Wind direction	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE
Wind movement	15	18	17	17	16	13	12	13	13	10	11	12
Maximum velocities (exceeding 7 miles)												

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
68	52	60	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, .06 inches.

Character of day, Cloudy 10 Moon phase, -

Actual sunshine, hours, 3.8

Possible sunshine, hours, 13.8

Percentage of possible sunshine, 28

Prevailing direction SE

Total movement, ~~233~~ 234

Average hourly velocity, 9.8

Maximum velocity,	Direction,	Time.
20	S	4:10 ϕ

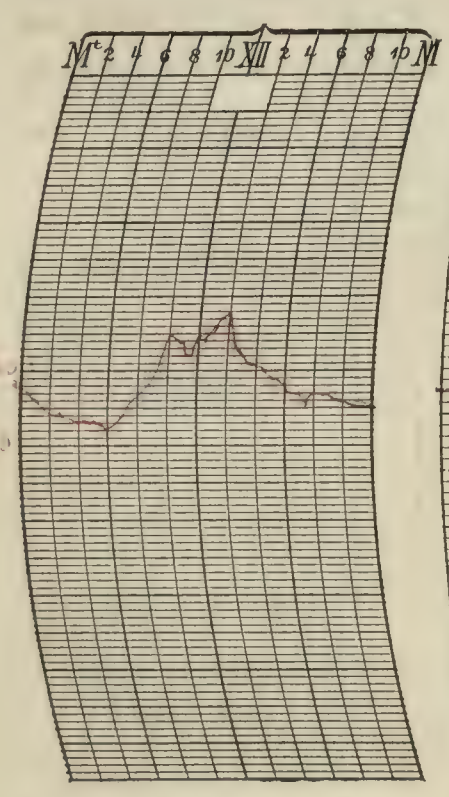
Relative humidity, 66 a. m. ____ p. m.

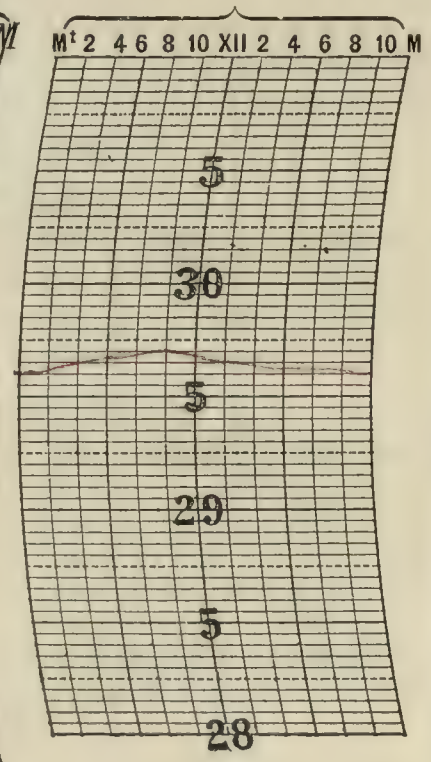
Reduced barometer, 30.25 a. m. ____ p. m.

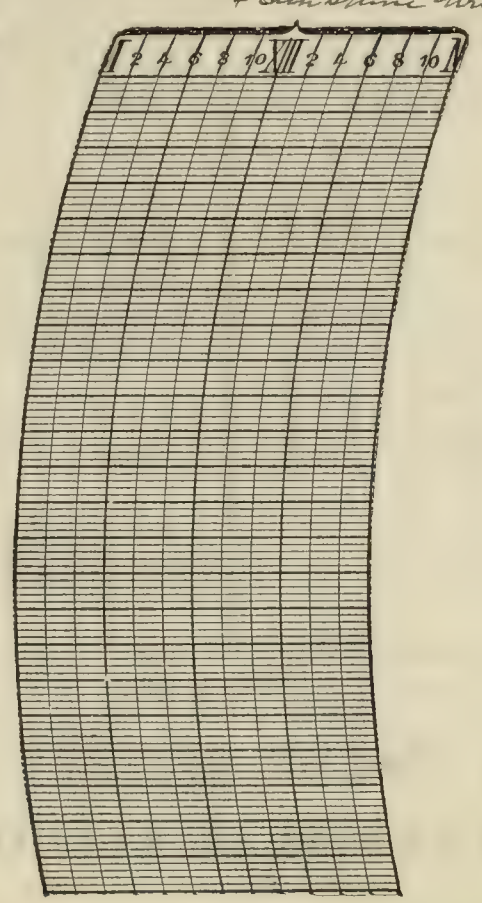
River gage, 15.9 falling

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

ϕ Sunshine thru thin clouds







NOTES.

Prepared by
Verified by O.M.H.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Tue., (Date) APR. 2, 1912, 191

Time (local standard), 4th mer. — 1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	54	54	54	55	55	55	55	56	56	56	57	57
Nature of precipitation and time of beginning and ending	—	—	—	—	—	—	—	—	—	—	—	—
Amounts of precipitation	.09	.04	.04	.03	.01	.01	T	T	T	.01	.02	.01
Cloudiness and other conditions				Cloudy								
Sunrise: Time, 4:55; Character, Cloudy												
Sunshine (in tenths of hours)					0	0	0	0	0	0	0	0
Wind direction	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE
Wind movement	10	11	9	10	10	10	11	11	10	9	8	6

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	58	60	61	62	63	54	60	60	59	59	58	58
Nature of precipitation and time of beginning and ending				RE 3-22	RB 4-46	RE 5-37						
Amounts of precipitation	T	T	T	T	.01	.01						
Cloudiness and other conditions					Cloudy							
Sunset: Time, 6:11; Character, Cloudy												
Sunshine (in tenths of hours)	0	0.2	0	0	0	0	0					
Wind direction	SE	SE	SE	SE	SE	S	S	S	SE	SE	SE	SE
Wind movement	5	6	5	4	5	3	2	2	2	1	1	2

Maximum velocities (exceeding 25 miles)

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

	Maximum.	Minimum.	Mean.	Normal.
	63	54	57	[illegible]

Total depth of snow for 24 hours ending 7 p. m., [illegible] inches.

Snow on ground 7 p. m., 2 inches.

Total snowfall, midnight to midnight, 3 inches.

Precipitation to 7 a. m., [illegible] ins.; to 7 p. m., [illegible] ins.

Total precipitation, midnight to midnight, [illegible] inches.

Character of day, Cloudy. Moon phase: [illegible]

Actual sunshine, hours, 0.2

Possible sunshine, hours, [illegible]

Percentage of possible sunshine, [illegible]

Prevailing direction, SE

Total movement, 153

Average hourly velocity, [illegible]

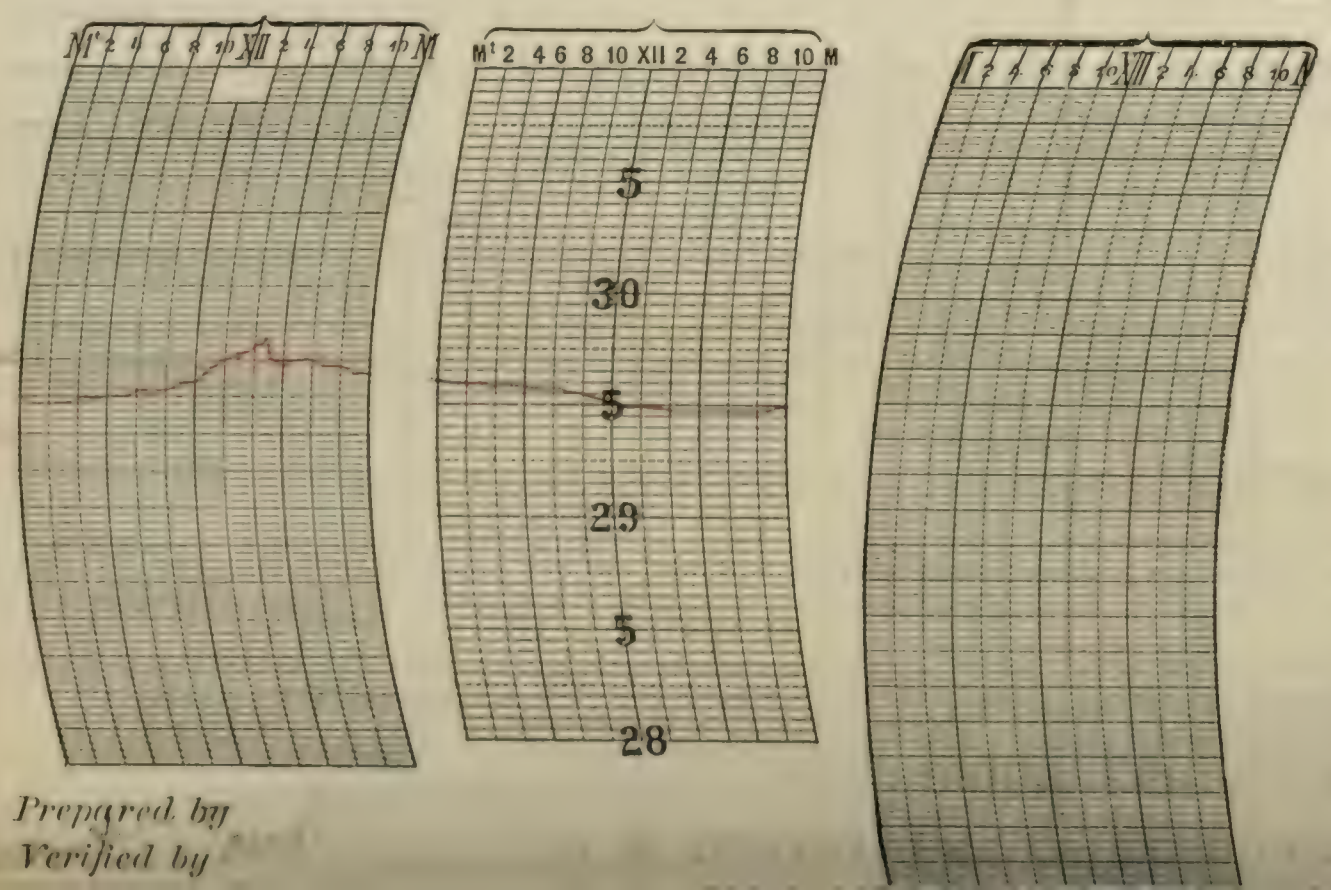
Maximum velocity,	Direction,	Time.
14	SE	[illegible]

Relative humidity, 92 a. m. ____ p. m.

Reduced barometer, 30.3 a. m. ____ p. m.

River gage, 15.8 falling

NOTES.



Prepared by

Verified by

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

LA SALLE, ILL. (Station) ....., (Day of week) Saturday, (Date) APR 22 1911, 191

Time (local standard), 90 mer.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	57	56	53	52	51	52	53	55	57	60	64	65	68	71	70	68	65	66	66	66	64	62	61	58
State of weather: Nature of precipitation and time of beginning and ending						RB 5:33	RE 6:40	RB 7:04	-- 8:12	RE						RB 3:52	RE 4:48							
Amounts of precipitation						.01	.07	.03	.17	.01						T	T							
Cloudiness and other conditions	Cloudy												Cloudy, no moon											
Sunrise: Time, Character,	4.56 Cloudy																				Sunset: Time, Character, 6.15 Cloudy			
Sunshine (in tenths of hours)					0	0	0	0	0	0.2	0.9	0.6	1.0	0.4	0.6	0	0	0	0					
Wind direction	S	S	E	E	E	E	E	E	E	E	E	SE	SE	SE	S	S	SW	SW	SW	W	NW	N	NE	NE
Wind movement	1	2	3	4	5	5	5	4	3	5	4	8	8	8	15	12	11	10	10	8	3	6	6	7
Maximum velocities (exceeding ..... miles)																								

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
71	51	61	55

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .08 ins.; to 7 p. m., .21 ins.

Total precipitation, midnight to midnight, .29 inches.

Character of day, Cloudy? Moon phase, ✓

Actual sunshine, hours, 3.7

Possible sunshine, hours, 1 3.1

Percentage of possible sunshine, 27

Prevailing direction E

Total movement, 153

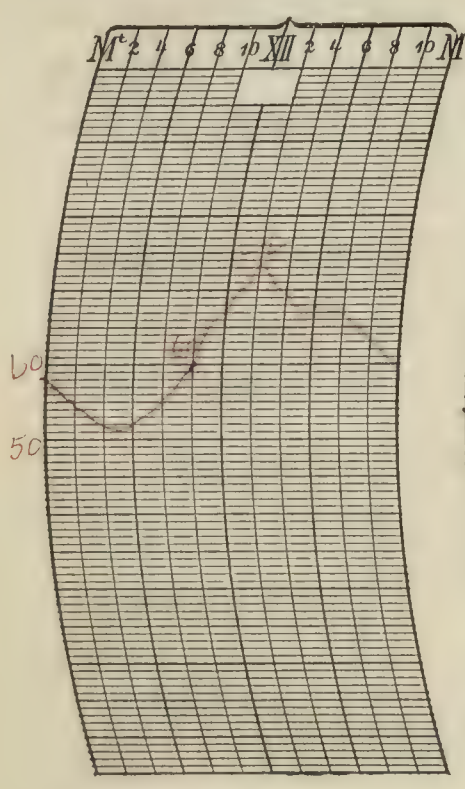
Average hourly velocity, 6.4

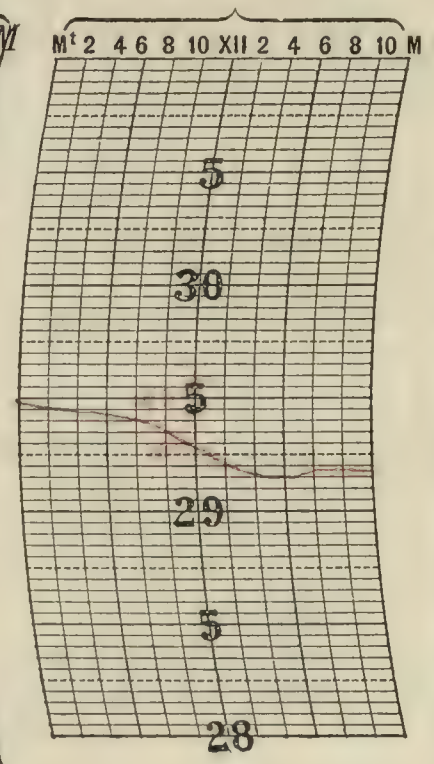
Maximum velocity,	Direction,	Time.
19	S	2:15

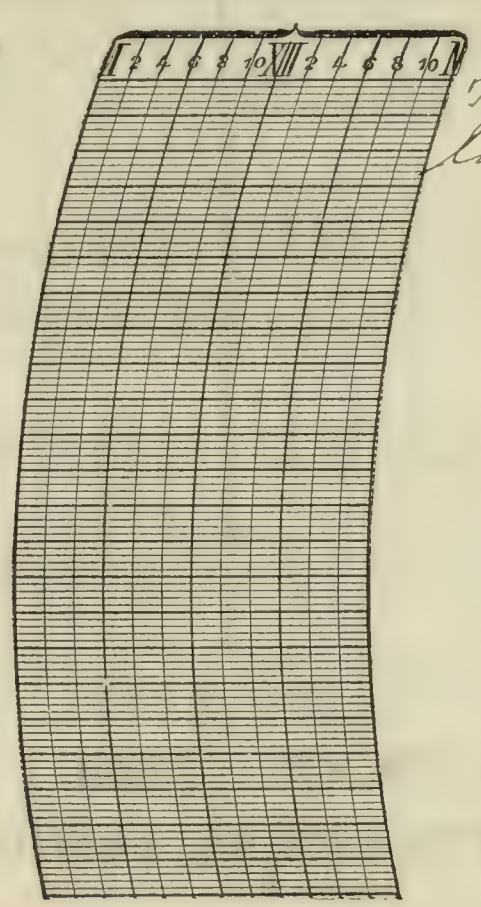
Relative humidity, 99 a. m. ..... p. m.

Reduced barometer, 29.98 a. m. ..... p. m.

River gage, 15.7 falling







NOTES.

Thunderstorm: First thunder heard at 5:45 am, last at 6:20 a; the storm came from southwest

Prepared by
Verified by OMK.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) [illegible], (Date) APR [illegible] 1914, 191

Time (local standard), [illegible] mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	57	56	57	57	56	56	56	56	57	58	57	57
Nature of precipitation and time of beginning and ending											R.10 10.23	—
Amounts of precipitation											.15	.05
Cloudiness and other conditions				Cloudy			Lt. fog					
Sunrise: Time, Character	4.55 Cloudy											
Sunshine (in tenths of hours)					0	0	0	0	0	0	0	0
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	E	NE
Wind movement	8	7	8	7	6	8	8	7	7	7	6	8
Maximum velocities (exceeding 46 miles)												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	58	61	62	62	63	62	61	59	60	59	57	51
Nature of precipitation and time of beginning and ending		RE 1.06								R.13 9.38	—	—
Amounts of precipitation	T	T								T	.05	.15
Cloudiness and other conditions					Cloudy				obscured			
Sunset: Time, Character									6.51 Cloudy			
Sunshine (in tenths of hours)	0	0.2	0	0	0	0	0					
Wind direction	NE	E	E	NE	NE	NE	NE	NE	E	E	E	NE
Wind movement	10	8	8	7	7	8	9	[illegible]	[illegible]	11	14	15
Maximum velocities (exceeding 46 miles)												

[illegible] hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
63	51	57	[illegible]

Total depth of snow for 24 hours ending 7 p. m., 1 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches

Precipitation to 7 a. m., 0 ins.; to 7 p. m., [illegible] ins.

Total precipitation, midnight to midnight, [illegible] inches.

Character of day, Cloudy. Moon phase, [illegible]

Actual sunshine, hours, [illegible]

Possible sunshine, hours, [illegible]

Percentage of possible sunshine, [illegible]

Prevailing direction, NE

Total movement, 223

Average hourly velocity, [illegible]

Maximum velocity.	Direction.	Time.
21	NE	[illegible]

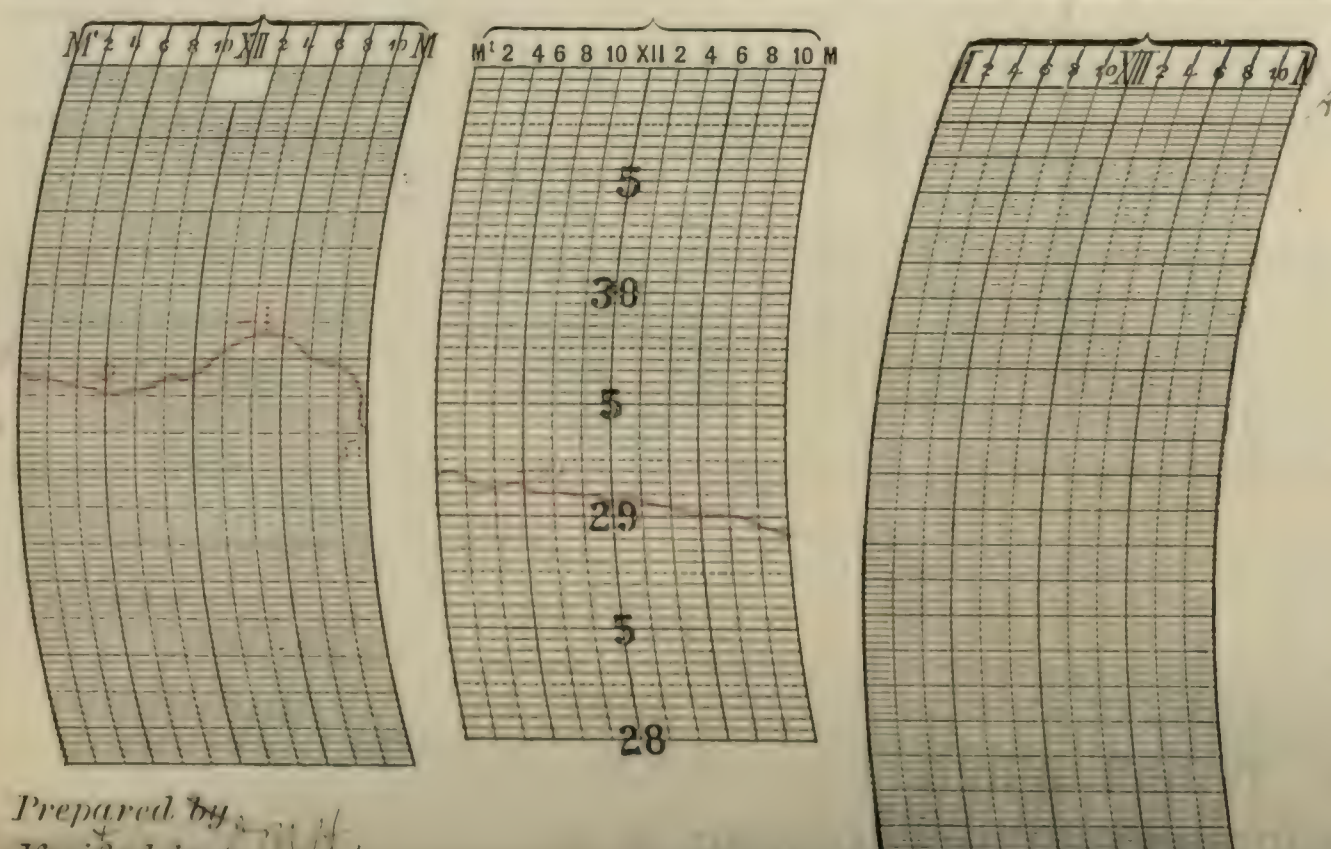
Relative humidity. [illegible] a. m. [illegible] p. m.

Reduced barometer. [illegible] a. m. [illegible] p. m.

River gage. [illegible]

Excessive precipitation, accumulated amounts.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.



NOTES.

A slight fog began [illegible] fog ended 11 [illegible]

Prepared by [illegible]

Verified by [illegible]

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Mond, (Date) MAY 1 1911, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	48	49	48	47	45	45	44	44	47	42	42	40
Nature of precipitation and time of beginning and ending	RE 10ma						RB 6.26	—	—	—	—	—
Amounts of precipitation	02						.03	T	T	02	.02	01
Cloudiness and other conditions	Cloudy											
Sunrise: Time, Character,	4.54 Cloudy											
Sunshine (in tenths of hours)					0	0	0	0	0	0	0	0
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	SW	NW	N	
Wind movement	12	8	5	3	9	5	5	3	8	12	11	13

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	41	40	38	39	36	38	38	38	39	38	38	38
Nature of precipitation and time of beginning and ending	RE 12.08				RB 4.45	RE 5.20						
Amounts of precipitation	T				T	T						
Cloudiness and other conditions	Cloudy											
Sunset: Time, Character,									6.57 Cloudy			
Sunshine (in tenths of hours)	0.3	0.2	0.0	0.0	0.0	0.0	0					
Wind direction	NW	NW	NW	NW	NW	NW	NW	N	NW	NW	NW	NW
Wind movement	16	16	19	17	14	11	10	7	4	8	8	4

State of weather.

Maximum velocities (exceeding 25 miles)

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

/ hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
51	~~38~~ 36	44	56

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .24 ins.; to 7 p. m., .06 ins.

Total precipitation, midnight to midnight, .10 inches.

Character of day, Cloudy 10 Moon phase, ✓

Actual sunshine, hours, 6

Possible sunshine, hours, 14.0

Percentage of possible sunshine, 4

Prevailing direction NW

Total movement, 228

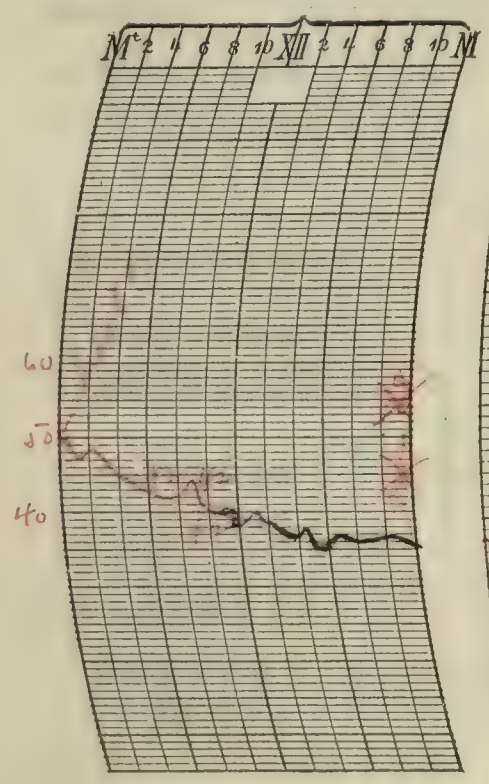
Average hourly velocity, 9.5

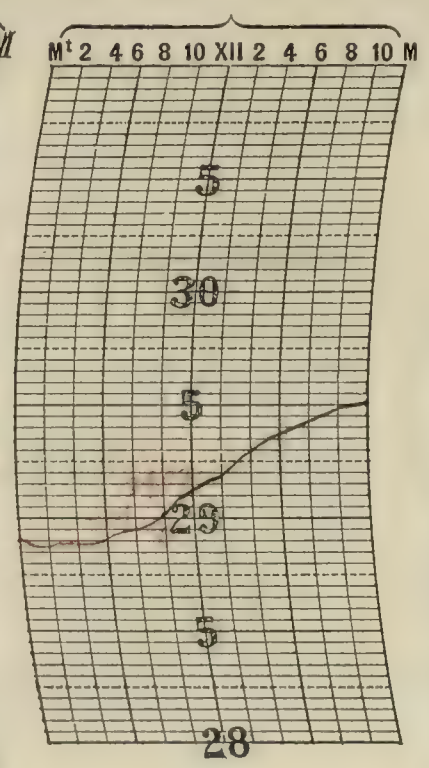
Maximum velocity,	Direction,	Time.
21	N	2.15 pm.

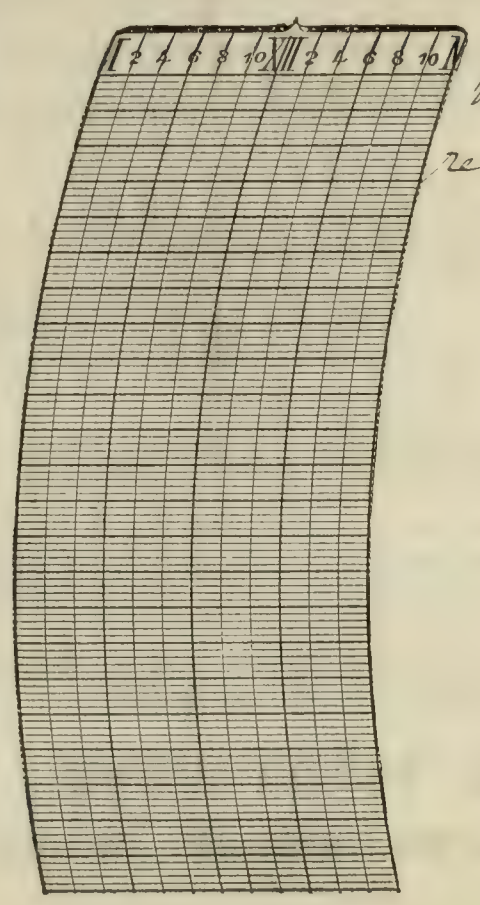
Relative humidity, 98 a. m. ____ p. m.

Reduced barometer, 29.51 a. m. ____ p. m.

River gage, 15.5 rising.







NOTES.

Warnings of temperature near freezing tonight received from Chicago, Ill. 8:58 am.

Prepared by
Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE ILL., (Day of week) Tue 2, (Date) MAY 2 1911, 191

Time (local standard), 90th mer.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	37	34	32	32	32	34	37	41	43	46	49	51	51	53	53	52	52	51	48	45	43	40	39	38
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions	←				Clear					→	Pt Cldy		× Cloudy			× Pt Cldy			× Clear					
																				Bright Moonlight				
Sunrise: Time, 4:52 Character, Clear																					Sunset: Time, 6:53 Character, Clear			
Sunshine (in tenths of hours)					0	0.1	0.8	1.0	1.0	1.0	1.0	0.8	1.7	1.0	1.0	1.0	0.7	0.6	0.1					
Wind direction	NW	N	NW	NW	NW	W	W	W	SW	SW	SW	SW	W	W	W	W	NW	NW	W	W	W	W	NW	NE
Wind movement	5	3	4	5	5	3	4	5	6	8	12	14	16	16	17	17	16	12	10	8	6	6	4	2
Maximum velocities (exceeding 45 miles)																								

Excessive precipitation, accumulated amounts	Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal
54	32	43	56

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Pt Cldy 4 Moon phase,

Actual sunshine, hours, 12.8

Possible sunshine, hours, 14.0

Percentage of possible sunshine, 91

Prevailing direction, NW

Total movement, 204

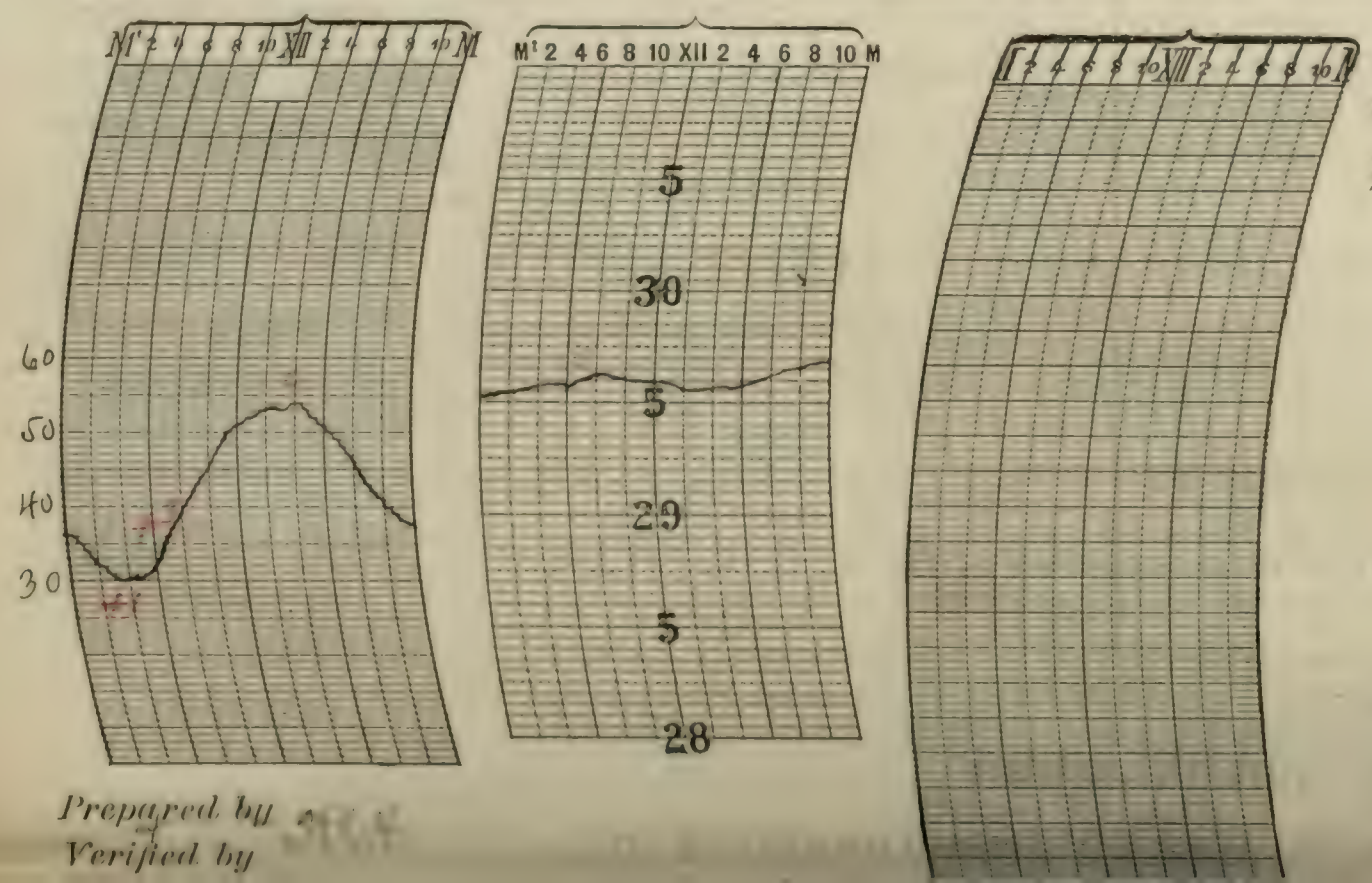
Average hourly velocity, 8.5

Maximum velocity,	Direction,	Time
20	NW	3:28 p.m.

Relative humidity, 79 a. m. p. m.

Reduced barometer, 30.20 a. m. p. m.

River gage, 16.3 rising



NOTES.

Killing frost above

Frost warning received from Chicago at 5:41 a.m.

Prepared by

Verified by

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Wed., (Date) MAY 3 1911, 191

Time (local standard) 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	39	38	37	36	35	36	39	46	50	53	54	56	56	58	58	59	58	57	54	50	50	48	46	44
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					← Pt Cldy ×								Clear						→	Bright Moonlight				
Sunrise: Time, 4.51 Character, Cloudy																					Sunset: Time, 6.54 Character, Clear			
Sunshine (in tenths of hours)					0	0.0	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	.70 0.2					
Wind direction	NW	NW	NW	NW	NW	NW	NW	W	W	W	W	W	W	W	W	W	NW	W	W	W	W	W	W	W
Wind movement	2	3	2	2	2	2	3	5	9	11	12	13	12	10	11	11	10	10	6	5	5	4	2	3
Maximum velocities (exceeding 9.5 miles)																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
59	35	47	56

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear (2) Moon phase,

Actual sunshine, hours, 12.3

Possible sunshine, hours, 14.0

Percentage of possible sunshine, 88

Prevailing direction W

Total movement, 155

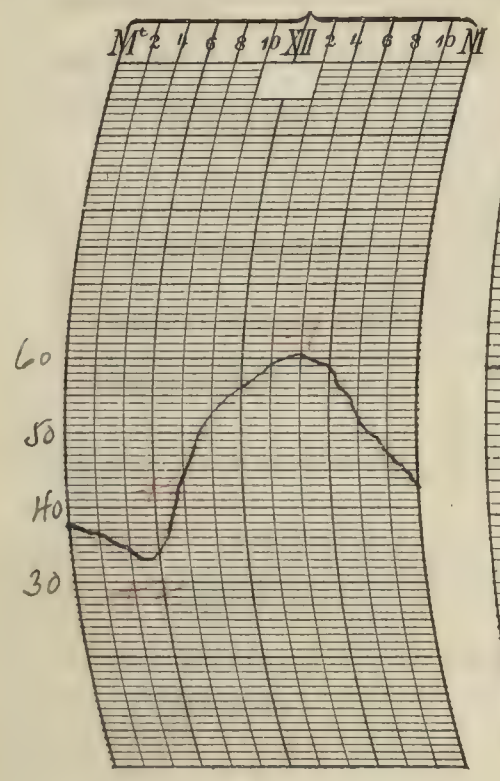
Average hourly velocity, 6.5

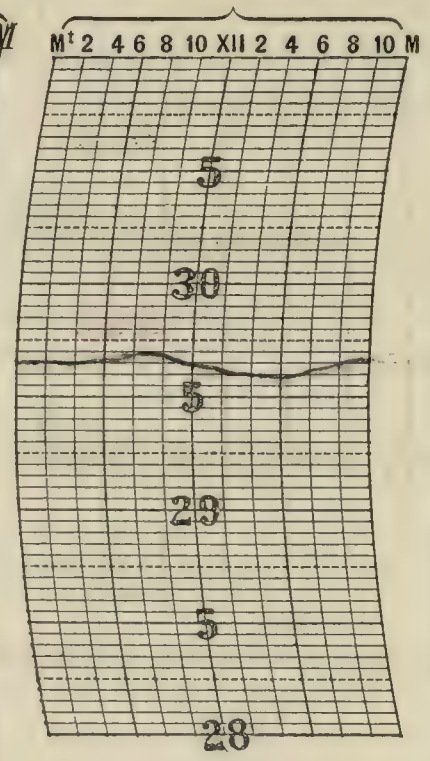
Maximum velocity,	Direction,	Time.
14	W	12.07 pm

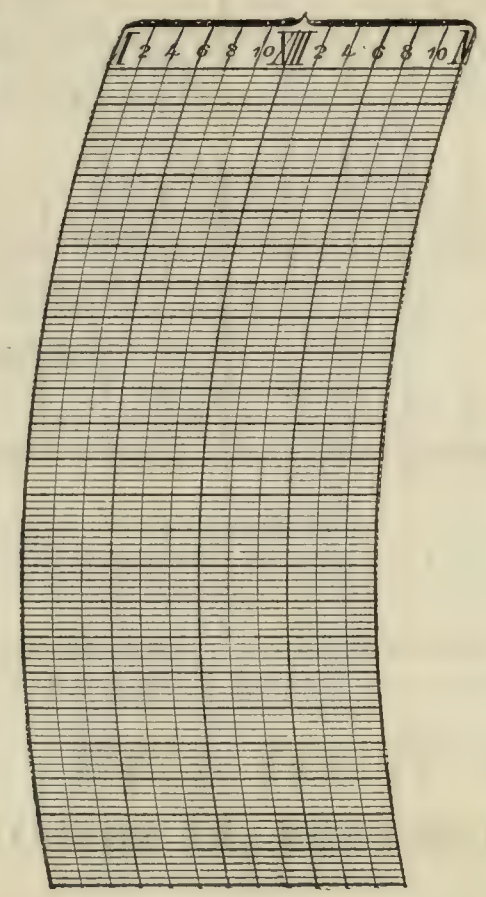
Relative humidity, 76 a. m. p. m.

Reduced barometer, 30.26 a. m. p. m.

River gage, 16.5 rising







NOTES.

Killing frost.

Frost warning received from Chicago at 8.45 am

Prepared by

Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LASALLE ILL., (Day of week) Friday, (Date) MAY 16 1913, 191

Time (local standard) 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	42	38	37	37	35	37	[illegible]	48	56	59	60	62	62	67	63	62	63	59	55	50	47	45	44	43
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					Clear									×		Pt Cldy								
Sunshine (in tenths of hours)					0	0.0	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0					
Wind direction	NW	NW	NW	NW	N	O	N	N	W	W	NW	NW	NW	NW	NW	N	N	NE	E	E	E	E	E	E
Wind movement	2	2	1	2	2	0	1	3	5	5	8	8	9	8	9	8	7	9	9	6	6	5	3	1
Maximum velocities (exceeding 40 miles)																								

Sunrise: Time, 4.50; Character, Cloudy

Sunset: Time, 6.55; Character, Clear

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
64	35	50	57

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Pt Cldy (4) Moon phase,

Actual sunshine, hours, 12.5

Possible sunshine, hours, 14.1

Percentage of possible sunshine, 89

Prevailing direction NW

Total movement, 122

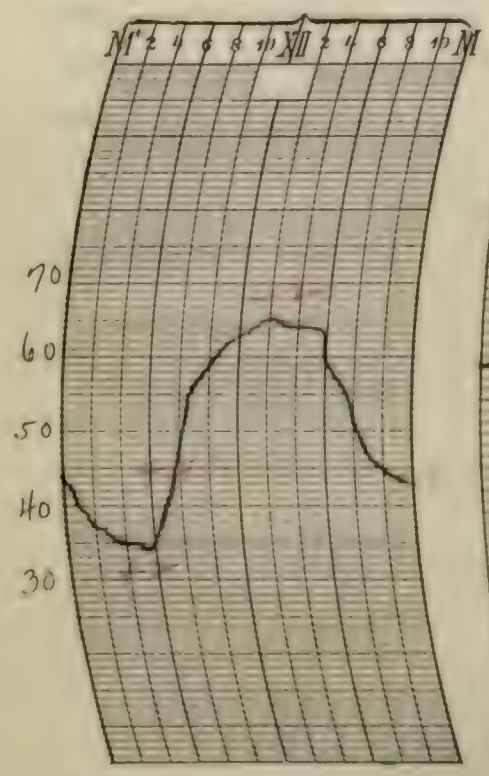
Average hourly velocity, 5.1

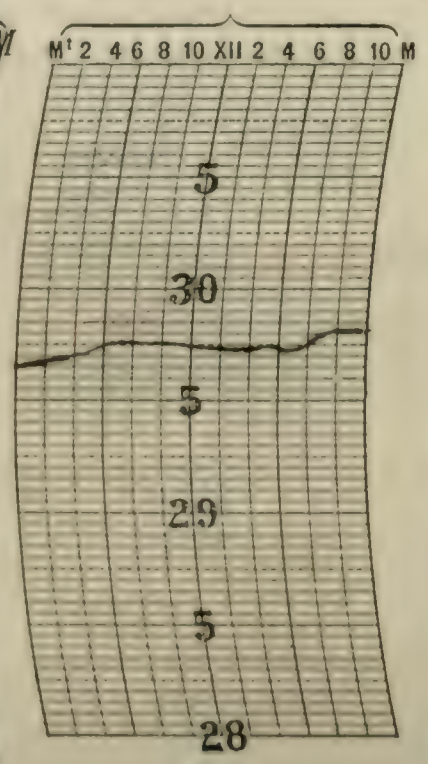
Maximum velocity,	Direction,	Time.
12	E	5 p.m.

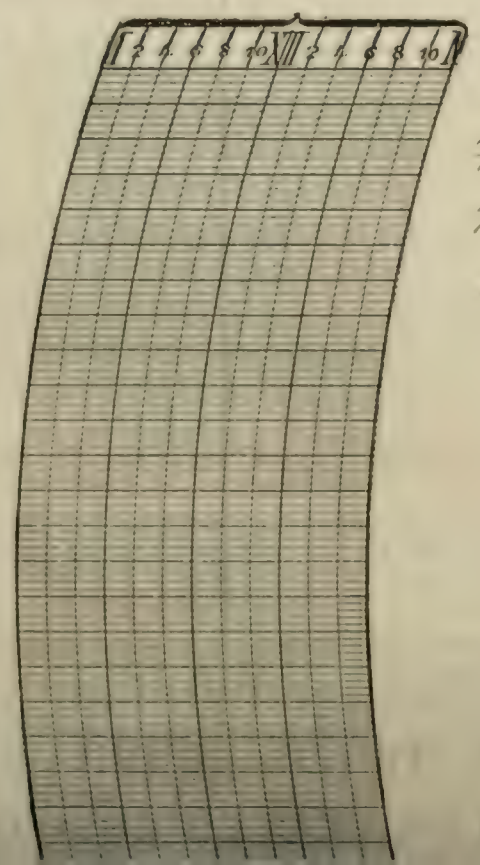
Relative humidity, 78 a. m. p. m.

Reduced barometer, 30.[illegible] a. m. p. m.

River gage, 16.6 rising







NOTES.

Heavy frost

Frost warning received from Chicago at [illegible]

Haze and smoke obscured the sun until 6 [illegible]

& Pen became dry. Record interpolated.

Prepared by West

Verified by

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Fri., (Date) MAY 5 1911, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	42	41	41	42	41	39	42	50	57	61	64	65
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					←					Clear		
Sunrise: Time, 4.48 Character, Clear												
Sunshine (in tenths of hours)					.20 0	1.0 0.0	0.8 0.2	1.0	1.0	1.0	1.0	1.0
Wind direction	E	E	E	W	W	W	W	SW	SW	W	W	NW
Wind movement	1	1	2	3	3	1	2	2	6	7	7	6
Maximum velocities (exceeding 45 miles)												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	66	68	69 (-3)	68	68	68	66	64	58	54	52	49
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions							→	Bright moonlight				
Sunset: Time, 6.56 Character, Clear												
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	1.0	1.0	.73 0.2					
Wind direction	NW	NW	W	W	W	NW	NW	NW 0	NW 0	NW	NE	NE
Wind movement	4	5	4	5	4	3	2	0	0	1	4	4
Maximum velocities (exceeding 45 miles)												

State of weather.

Excessive precipitation, accumulated amounts

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

/ hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
69	39		

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear (Fair) Moon phase, ☽ F. Q.

Actual sunshine, hours, 14.1

Possible sunshine, hours, 14.1

Percentage of possible sunshine, 100

Prevailing direction, W

Total movement, 77

Average hourly velocity, 3.2

Maximum velocity,	Direction,	Time.
9	SW	9.05 am

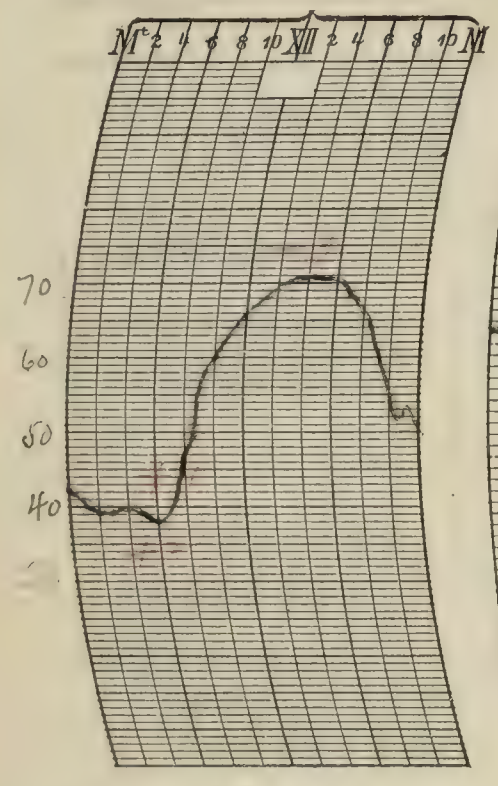
Relative humidity, 72 a. m. ____ p. m.

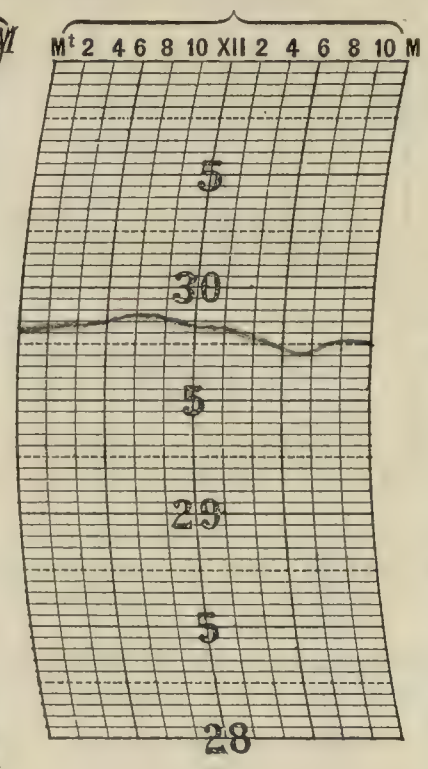
Reduced barometer, 30.45 a. m. ____ p. m.

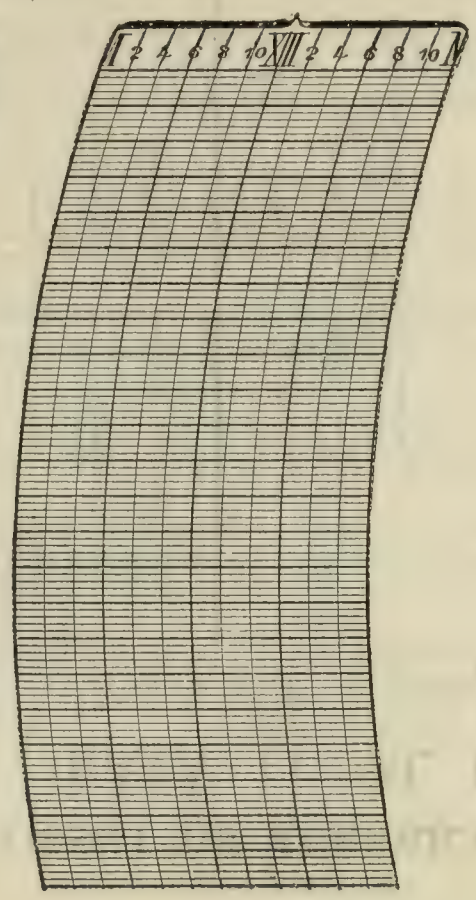
River gage, 16.4 Falling

NOTES.

Light frost







Prepared by [illegible]
Verified by [illegible]

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

L. A. SALLE, ILL. (Station) ....., (Day of week) Sat., (Date) MAY 6 1911, 191

Time (local standard), 90 mer.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	48	46	45	44	41	41	48	58	63	66	68	69	71	71	71	72	72	71	69	66	62	58	59	56
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					← Clear														→	Bright				
	Sunrise: Time, 4.47; Character, Cloudy																				Sunset: Time, 6.57; Character, Clear			
Sunshine (in tenths of hours)					0	0.0	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.95 0.0					
Wind direction	SW	E	E	E	E	E	E	SE	SW	SW	W	SW	SW	SW	SW	SW	SW	SW	S	S	S	S	SW	SW
Wind movement	3	3	1	0	1	0	0	2	5	6	6	9	9	9	11	10	10	9	5	5	5	3	5	4
Maximum velocities (exceeding 25 miles)																								

Excessive precipitation, accumulated amounts	Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

..... hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
72	41	56	57

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear few Moon phase, ...

Actual sunshine, hours, 12.4

Possible sunshine, hours, 14.3

Percentage of possible sunshine, 87

Prevailing direction, SW

Total movement, 121

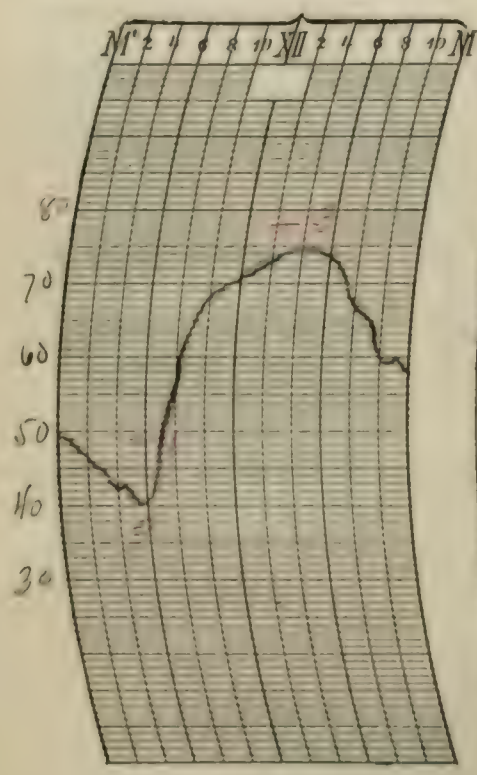
Average hourly velocity, 5.0

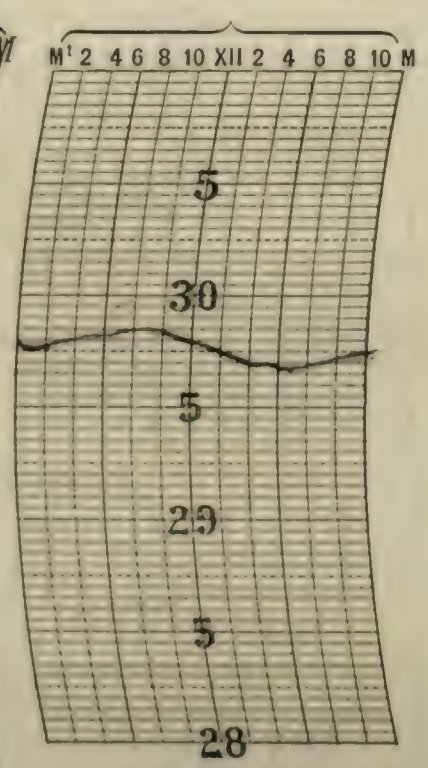
Maximum velocity.	Direction.	Time
13	SW	8.45 p. m.

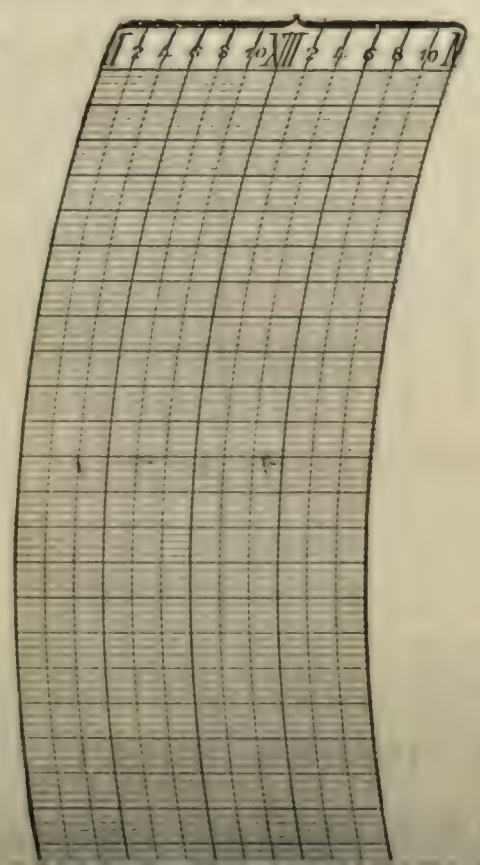
Relative humidity, 79 a. m. ..... p. m.

Reduced barometer, 30.42 a. m. ..... p. m.

River gage, 16.2 Falling







NOTES.

Light Fog began 2 a. m. & 8.15 a. m.

Prepared by
Verified by HEH

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

LA SALLE, ILL. MAY 7 1911

(Station) _____, (Day of week) Sund, (Date) _____, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	55	55	52	52	51	51	53	60	67	72	75	74
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					←						Clear	
Sunshine (in tenths of hours)					.23 0	0.8 0.2	1.0	1.0	← 1.0 *	Eye observation 1.0 *	1.0 *	1.0 *
Wind direction	SW	SW	SW	SW	SW	SW	SE	SE	SW	SW	SW	SW
Wind movement	5	6	4	3	1	3	2	4	12 o	14 o	15 o	13 o

Sunrise: Time, 4:46 Character, Clear

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	75	76	78	78	77	76	73	69	65	62	59	59
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions								→ Bright moonlight				
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	1.0	1.0	.9 0					
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	12	13	13	14	13	10	8	5	5	5	5	8

Sunset: Time, 6:58 Character, Clear

Maximum velocities (exceeding 25 miles)

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

/ hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
78	51	64	58

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear (Fair) Moon phase, _____

Actual sunshine, hours, 14.2

Possible sunshine, hours, 14.2

Percentage of possible sunshine, 100

Prevailing direction SW

Total movement, 193

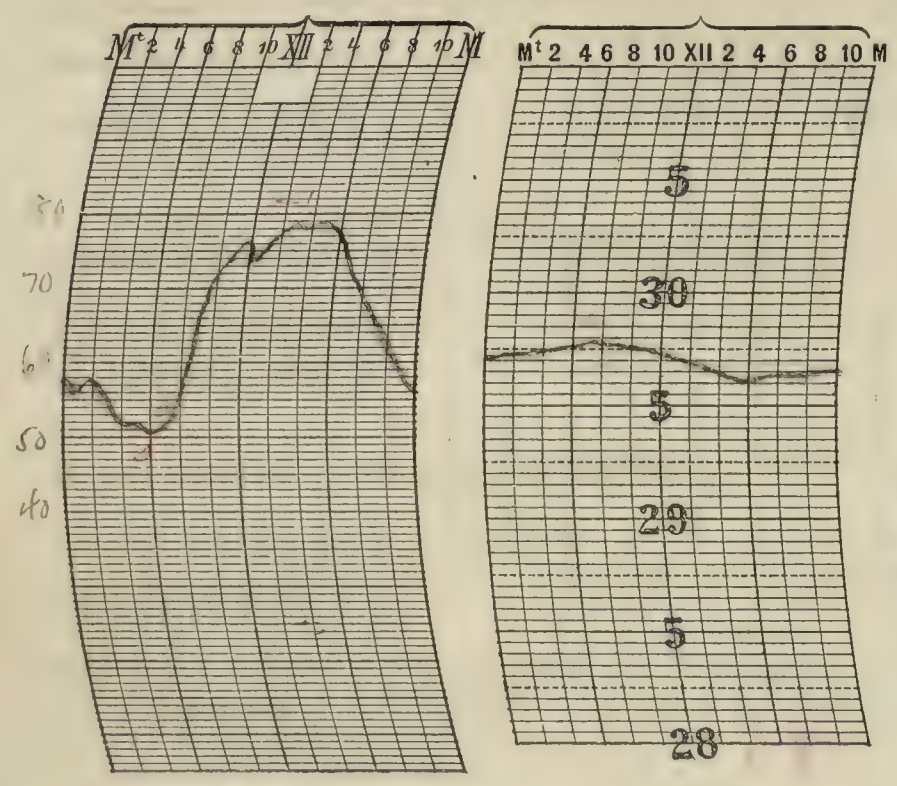
Average hourly velocity, 8.0

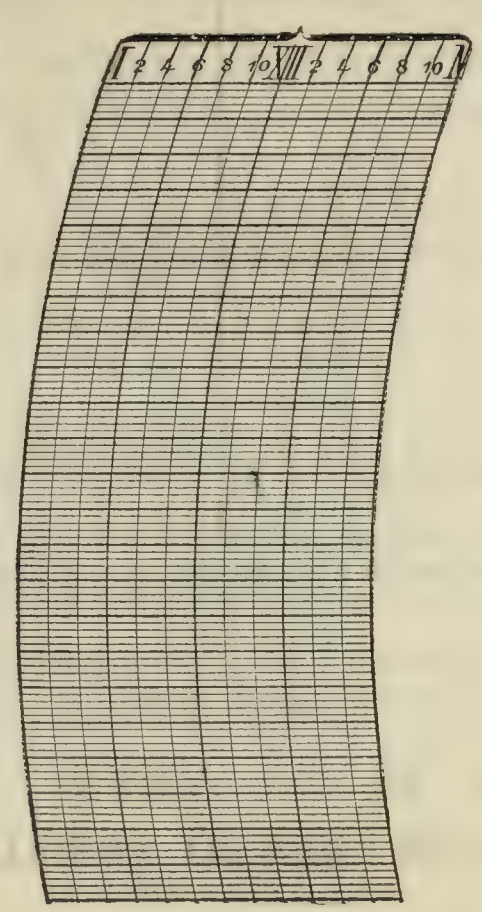
Maximum velocity,	Direction,	Time.
15 *	SW	2.40 pm

Relative humidity, 58 a. m. _____ p. m.

Reduced barometer, 30.35 a. m. _____ p. m.

River gage, 16.0 falling





NOTES.

o * Clock stopped. Wind velocity & direction interpolated

* Max for 21 hrs 45 min.

Prepared by _____

Verified by HWH

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Wed., (Date) MAY 3 1911, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	58	58	58	59	58	60	60	61	65	74	74	80
Nature of precipitation and time of beginning and ending											RB 10.55	RE 11.05
Amounts of precipitation												T
Cloudiness and other conditions					← Cloudy						× Pt Cldy	×
Sunrise: Time, Character,	4:45 Cloudy											
Sunshine (in tenths of hours)					0	0.0*	0.0*	0.0	0.7	0.8*	0.5*	0.5*
Wind direction	SW	SW	SW	SW°	SW°	SW°	SW°	SW	W	SW°	SW°	SW°
Wind movement	9	6	5	4°	3°	3°	4°	5	10	11°	10°	10°
Maximum velocities (exceeding 25 miles)												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	81	80	79	74	71 ~~69~~	70 ~~68~~	69 ~~67~~	69 ~~65~~	67 ~~63~~	64 ~~60~~	62 ~~58~~	62 ~~56~~
Nature of precipitation and time of beginning and ending					RB 4.10 E 4.20							
Amounts of precipitation					T							
Cloudiness and other conditions									more clouds			
									Bright at intervals			
Sunset: Time, Character,									6.59 Cloudy			
Sunshine (in tenths of hours)	0.0*	0.0*	0.4*	0.2*	0.0*	0.0*	0					
Wind direction	SW°	SW°	SW°	SW°	SW°	SW°	S	S	SW	W	W	W
Wind movement	12°	11°	11°	10°	10°	10°	9	6	4	2	1	3
Maximum velocities (exceeding 25 miles)												

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
81	58	70	57

Total depth of snow for 24 hours ending 7 p. m., 2 inches

Snow on ground 7 p. m., 2 inches.

Total snowfall, midnight to midnight, inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins

Total precipitation, midnight to midnight, T inches.

Character of day, Cloudy (9) Moon phase.

Actual sunshine, hours, 3.1

Possible sunshine, hours, 14.2

Percentage of possible sunshine, 22

Prevailing direction, SW

Total movement, 169

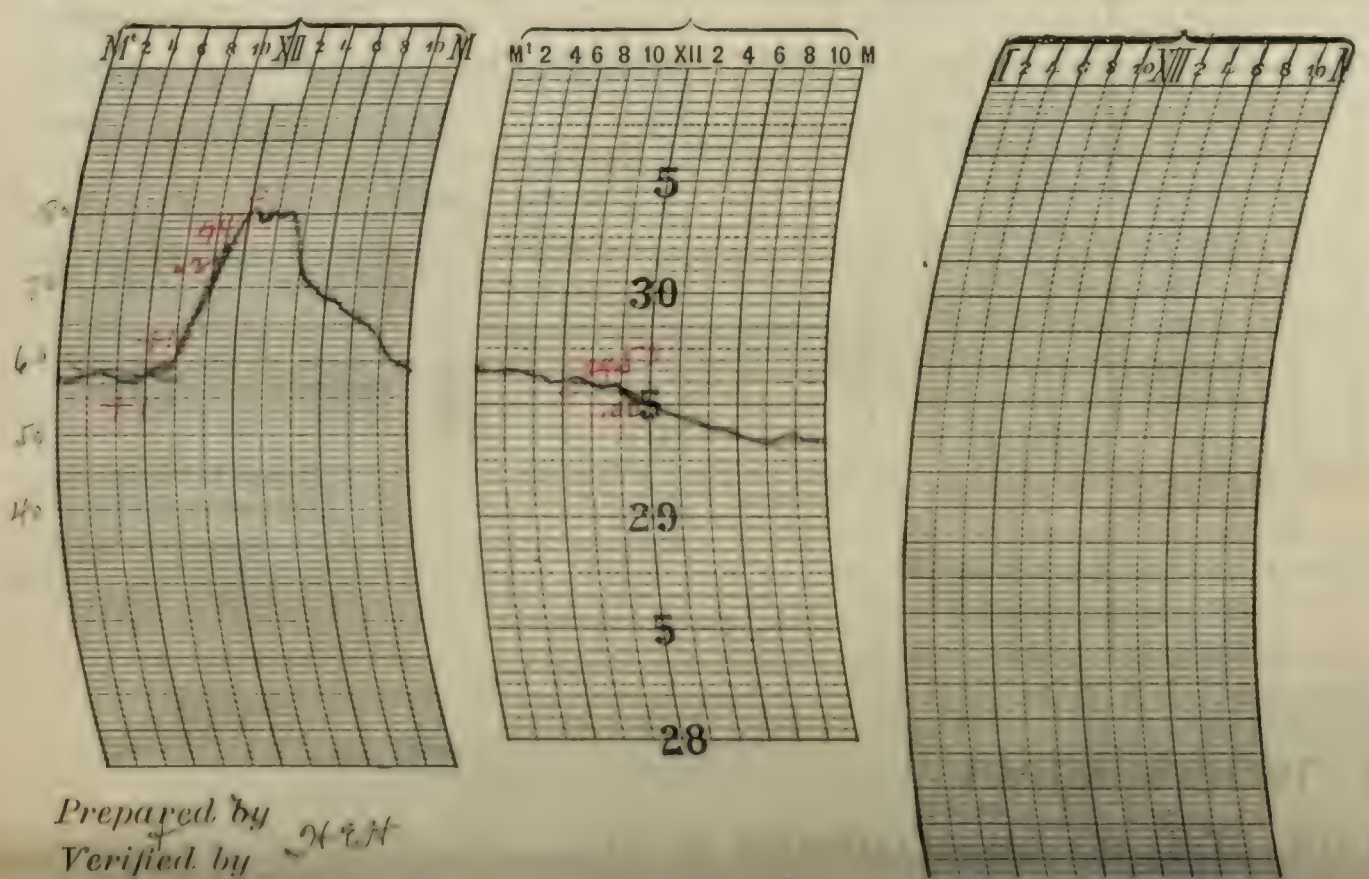
Average hourly velocity, 7.0

Maximum velocity.	Direction.	Time.
12 x	SW	8.45 am

Relative humidity, 53 a. m., p. m.

Reduced barometer, 30.15 a. m., p. m.

River gage, 15.5 Falling



NOTES.

* Clock stopped
Eye observation

° Wind Direction & velocity interpolated.

X Maximum for 11 hours 35 min

Prepared by
Verified by HEH

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Tues., (Date) MAY 7 1912, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	61	60	59	56	56	59	61	76	80	83	84	86
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions							Clear					
Sunshine (in tenths of hours)					0	0.0	0.4	1.0	1.0	1.0	1.0	1.0
Wind direction	W	W	W	W	W	W	W	W	E	SE	SW	SW
Wind movement	2	1	1	2	1	2	1	2	3	4	5	6
Maximum velocities (exceeding 75 miles)												

Sunrise: Time, 4.44; Character, Cloudy

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	87	88	87	88	87	83	80	76	75	71	70	69
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions						Cloudy						
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	1.0	0.7	0	—				
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	7	7	10	10	11	10	8	6	4	4	2	5
Maximum velocities (exceeding 75 miles)												

Sunset: Time, 7.00; Character, Cloudy

Excessive precipitation, accumulated amounts	Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

/ hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
88	56	72	58

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear (1) Moon phase,

Actual sunshine, hours, 11.1

Possible sunshine, hours, 14.3

Percentage of possible sunshine, 78

Prevailing direction SW

Total movement, 114

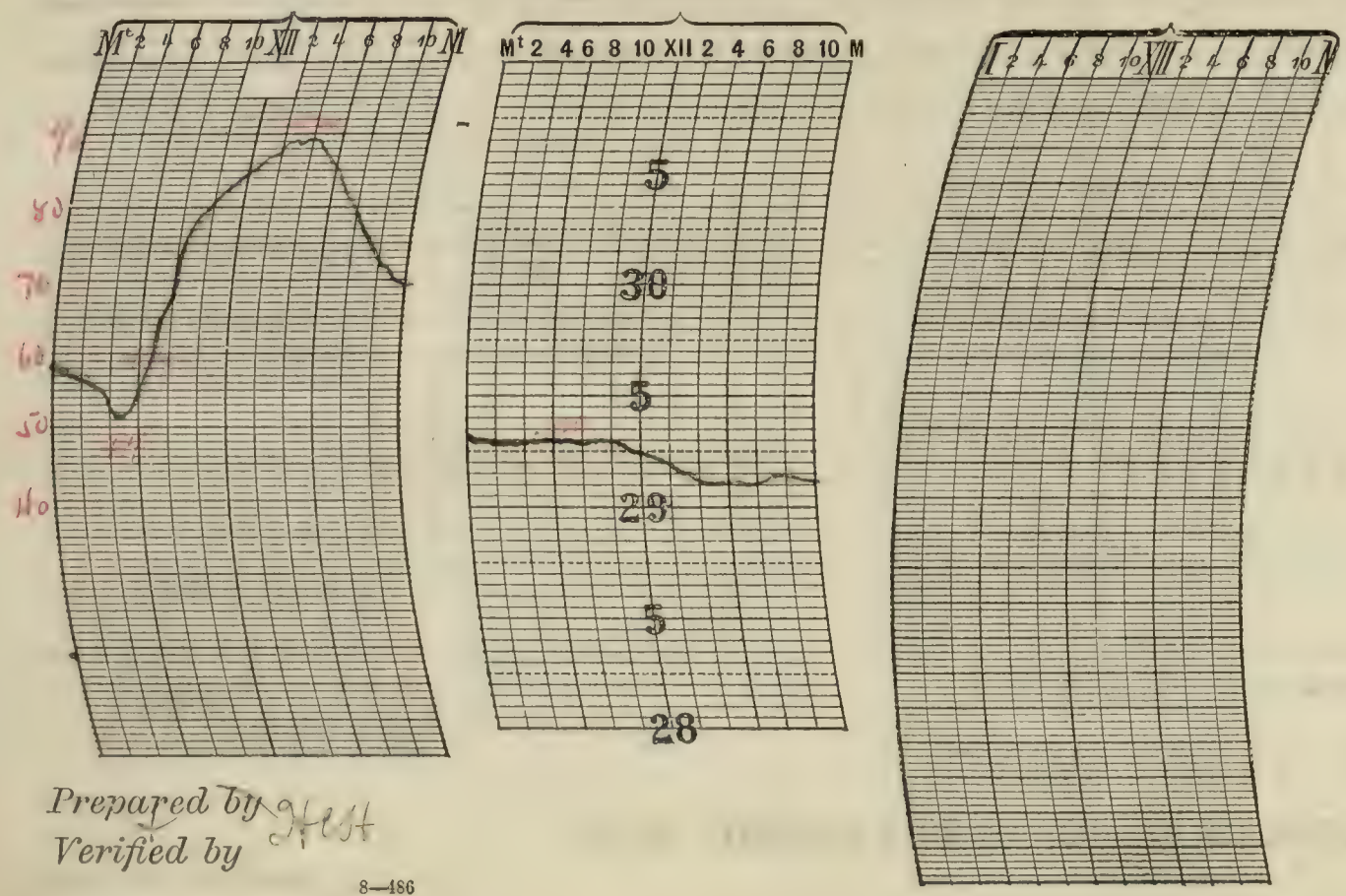
Average hourly velocity, 4.8

Maximum velocity,	Direction,	Time.
14	SW	3.17 p.

Relative humidity, 85 a. m. p. m.

Reduced barometer, 29.88 a. m. p. m.

River gage, 15.5 Falling



NOTES.

o Poor connections caused partial loss of record

x Poor connections caused loss of S.S. record. Eye observations.

Lt Fog began DNa E 8.30 a.m.

Lightening seen in N.E. from about 8.30 to 10.00 p.m.

Prepared by [illegible]

Verified by [illegible]

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE ILL., (Day of week) Wednesday, (Date) MAY 10 1911, 191

Time (local standard), 90 mer.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	68	67	65	62	61	65	67	77	79	81	85	86	87	87	87	86	85	82	79	77	76	75	74	74
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					←					Clear										Moon shone bright.				
Sunrise: Time, 4.43 Character, Clear																					Sunset: Time, Character, Clear			
Sunshine (in tenths of hours)					0	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	0				
Wind direction	SW	SW	S	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	S	S	S	S	SW	SW
Wind movement	9	5	3	3	3	6	10	12	18	15	16	20	21	24	23	25	23	21	18	15	12	17	20	19
Maximum velocities (exceeding 25 miles)													25 SW	26 SW	27 SW	30 SW	27 SW	25 SW						

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

5 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
87	61	74	57

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase.

Actual sunshine, hours,

Possible sunshine, hours, 14.3

Percentage of possible sunshine,

Prevailing direction, SW

Total movement, 358

Average hourly velocity, 14.9

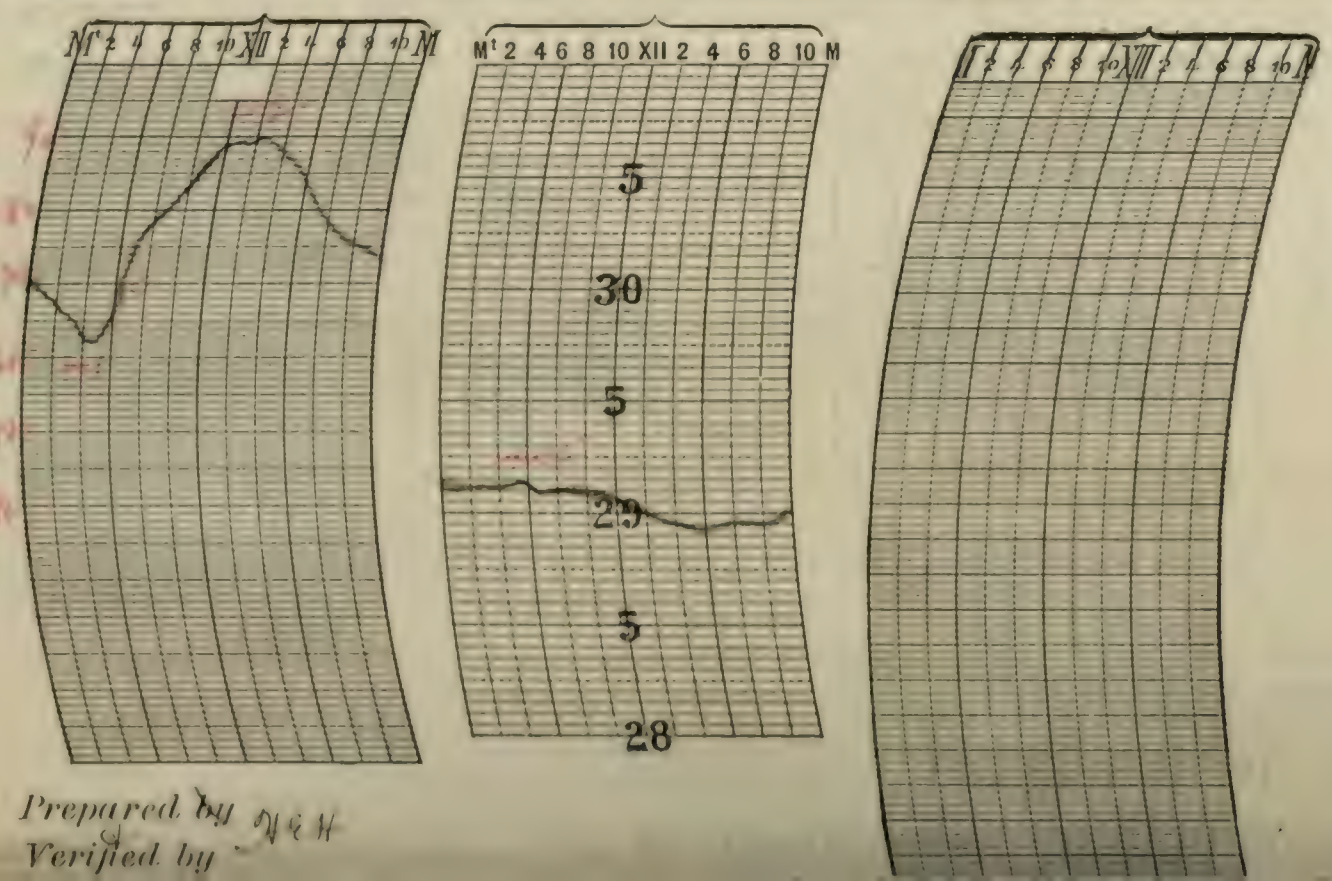
Maximum velocity.	Direction.	Time
30	SW	2.15 p.m.

Relative humidity, 67 a. m. p. m.

Reduced barometer, 29.69 a. m. p. m.

River gage, 15.2 falling

NOTES.



Prepared by NEH
Verified by

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Thursday, (Date) MAY 11 1911, 191

Time (local standard), 4th mer. — 1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	73	72	71	68	59	58	59	60	62	63	65	67	69	72	75	76	75	74	71	68	64	61	60	59
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					—	Clear	—			×	Pt Cldy		×	Cldy		×	Pt Cldy			→	Bright Moonlight			
Sunrise: Time, Character	4:42 Clear																				Sunset: Time, Character	7:02 Clear		
Sunshine (in tenths of hours)					.30 0	0.7 0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8 0.2	.03 0				
Wind direction	SW	SW	SW	SW	W	W	W	W	W	W	SW	W	W	W	SW	W	W	W	W	W	W	SW	SW	SW
Wind movement	18	14	15	15	18	17	17	15	14	15	18	16	16	17	17	18	17	15	11	6	7	4	4	6
Maximum velocities (exceeding 25 miles)																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

	Maximum.	Minimum.	Mean.	Normal.
	76	58	67	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Pt Cldy (6) Moon phase,

Actual sunshine, hours, 14.3

Possible sunshine, hours, 14.3

Percentage of possible sunshine, 100

Prevailing direction W

Total movement, 330

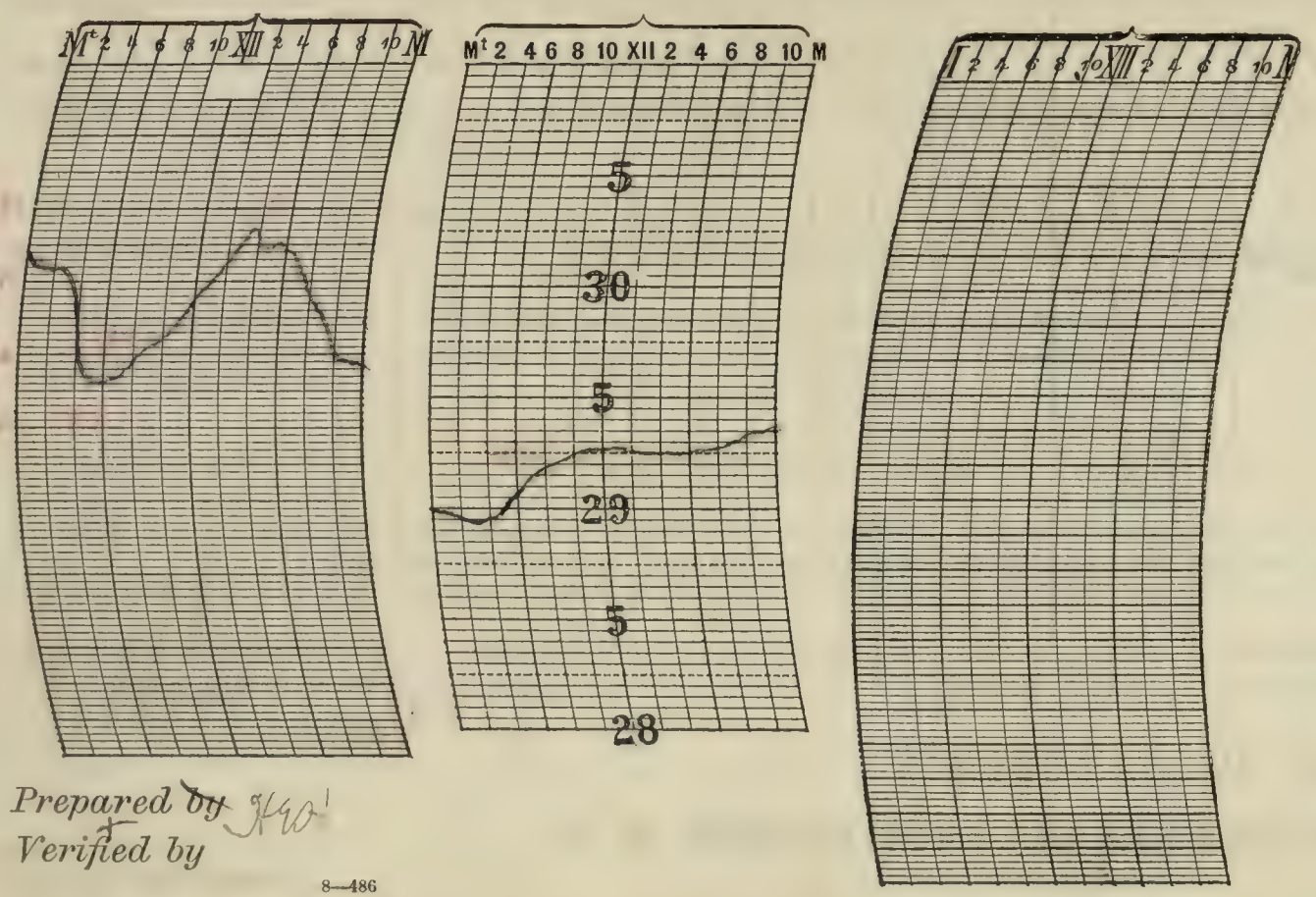
Average hourly velocity, 13.8

Maximum velocity,	Direction,	Time.
23	SW	2:25 pm

Relative humidity, 59 a. m. p. m.

Reduced barometer, 29.74 a. m. p. m.

River gage, 15.2 Stationary



NOTES.

o Sunshine through thin clouds.

Prepared by JKW

Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LAFAYETTE, IND., (Day of week) Friday, (Date) MAY 12 1911, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	59	59	57	57	55	57	59	65	69	72	74	75	75	75	74	74	73	70	67	66	64	61	54	50
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					← Clear												× Prevly × Cly →				Moon alone Night of 11th			
Sunshine (in tenths of hours)					0	0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	0.0	0				
Wind direction	SW	SW	SW	W	W	W	SW	SW	W	W	W	W	NW	NW	W	W	W	NW	NW	NW	N	NE	NE	E
Wind movement	8	7	8	7	3	4	6	6	5	9	9	11	12	13	14	12	10	8	8	8	6	5	9	11
Maximum velocities (exceeding 40 miles)																								

Sunrise: Time, 4:41 Character, Clear

Sunset: Time, 7:04 Character, Cloudy

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum.	Minimum.	Mean.	Normal.
75	50	62	59

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear (2) Moon phase

Actual sunshine, hours, 12.6

Possible sunshine, hours, 13.4

Percentage of possible sunshine, 93

Prevailing direction, W

Total movement, 198

Average hourly velocity, 8.2

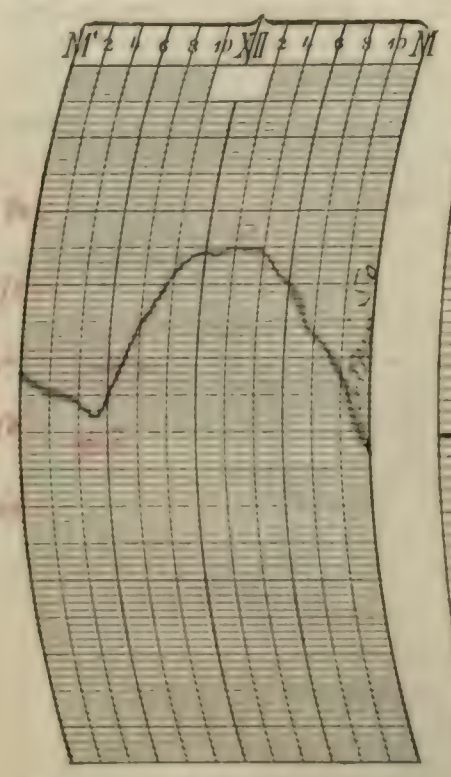
Maximum velocity,	Direction,	Time
16	W	2.20 p

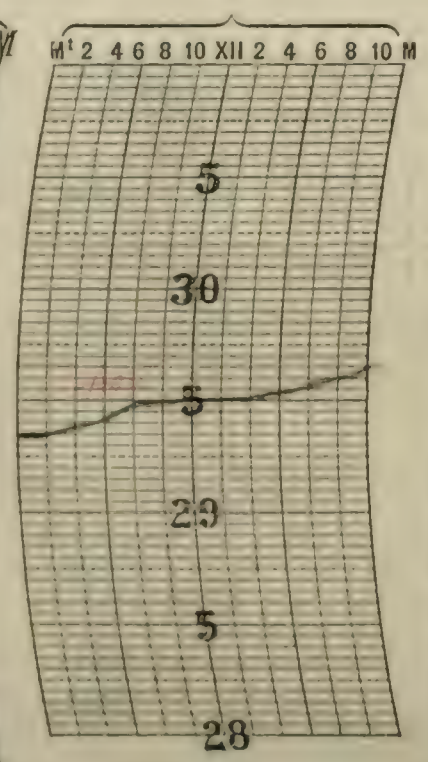
Relative humidity, 60 a. m. p. m.

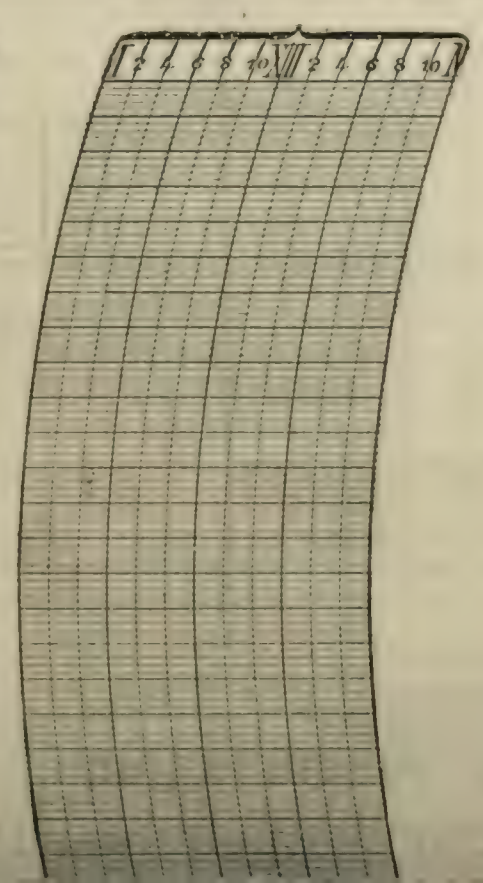
Reduced barometer, 30.07 a. m. p. m.

River gage, 15.1 Falling

NOTES.







Prepared by H E M

Verified by

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE ILL., (Day of week) Saturday, (Date) MAY 13 1911, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	47	46	44	43	43	45	49	57	61	67	69	73	75	77	78	79	79	75	71	69	66	63	60	58
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					←						Clear						×	Cldy	Cldy	→	Moon shone bright at intervals			
Sunrise: Time, 4:40; Character, Clear																					Sunset: Time, 7:05; Character, Cloudy			
Sunshine (in tenths of hours)					0	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	0.0	0				
Wind direction	E	E	NE	NE	NE	NE	E	E	E	E	SE	SE	E	E	SE	SE	SE	E	E	E	E	E	E	E
Wind movement	9	7	6	5	5	6	8	11	15	13	12	10	12	12	11	9	11	11	11	9	9	6	9	8
Maximum velocities (exceeding 45 miles)																								

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Maximum.	Minimum.	Mean.	Normal.
79	43	61	60

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear 12 Moon phase, O Full 12:15 a.

Actual sunshine, hours, 12.5

Possible sunshine, hours, 14.4

Percentage of possible sunshine, 87

Prevailing direction, E

Total movement, 225

Average hourly velocity, 9.4

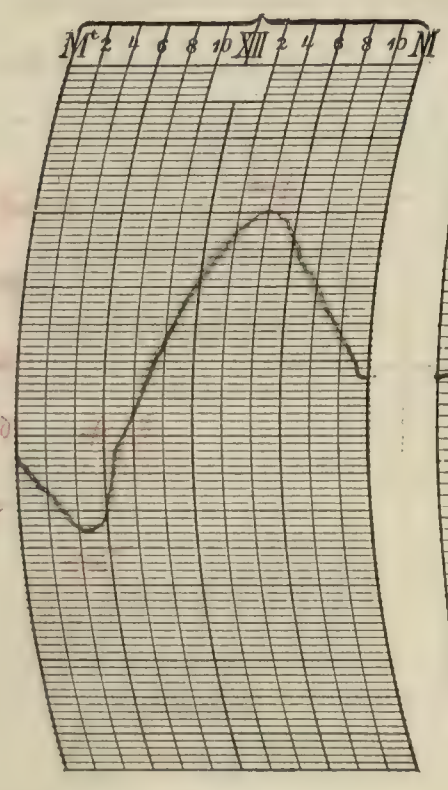
Maximum velocity,	Direction,	Time.
19	E	8.50 a.

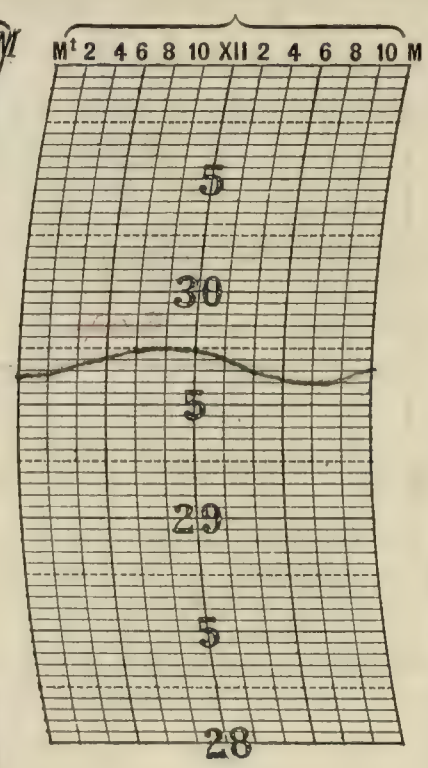
Relative humidity, 64 a. m. ____ p. m.

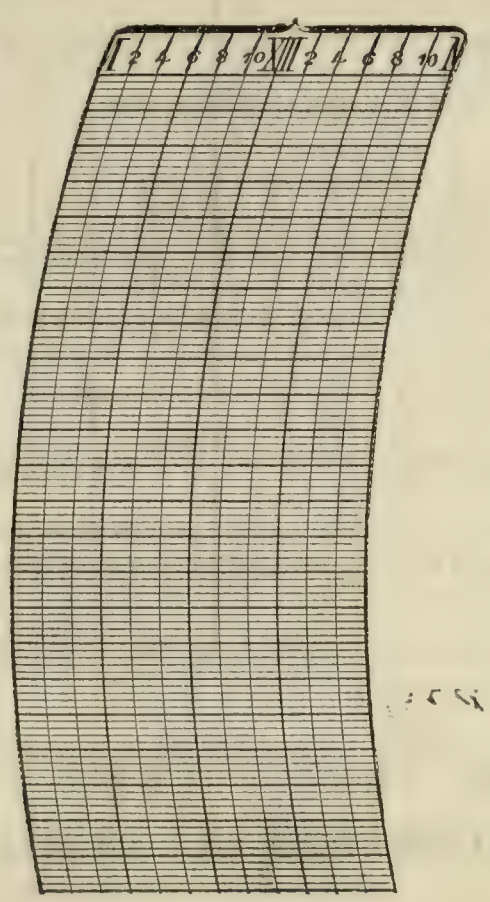
Reduced barometer, 30.34 a. m. ____ p. m.

River gage, 14.7 Falling

NOTES.







Prepared by
Verified by H E H

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE ILL, (Day of week) Sunday, (Date) MAY 14 1911, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	58	58	60	59	59	59	[illegible]	65	68	71	64	57
Nature of precipitation and time of beginning and ending												RB 11.05 E 11.15
Amounts of precipitation												
Cloudiness and other conditions	← Cloudy →											
Sunrise: Time, 4:39 Character, Cloudy												
Sunshine (in tenths of hours)					0	0.0	0.0	0.0	0.0	0.0	[illegible]	[illegible]
Wind direction	E	E	SE	SE	SE	SE	SE	SE	SE	SE	N	[illegible]
Wind movement	8	5	9	12	11	10	9	10	7	7	7	15
Maximum velocities (exceeding 75 miles)												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	73	77	81	86	84	82	79	75	72	70	66	65
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	← PCldy →		← Clear →		← PCldy →				Moon shone brightly at intervals			
Sunset: Time, 7:06 Character, Cloudy												
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	1.0	0.8	0.0	0				
Wind direction	NE	E	E	SE	S	SW	SW°	SW°	SW°	S°	S°	S
Wind movement	12	12	7	3	10	13	9	6	5	7	4	4
Maximum velocities (exceeding 75 miles)												

State of weather.

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
86	57	72	67

Total depth of snow for 24 hours ending 7 p. m., [illegible] inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, [illegible] inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Cloudy (8) Moon phase, [illegible]

Actual sunshine, hours, 6.4

Possible sunshine, hours, 14.5

Percentage of possible sunshine, 44

Prevailing direction, SE

Total movement, 205

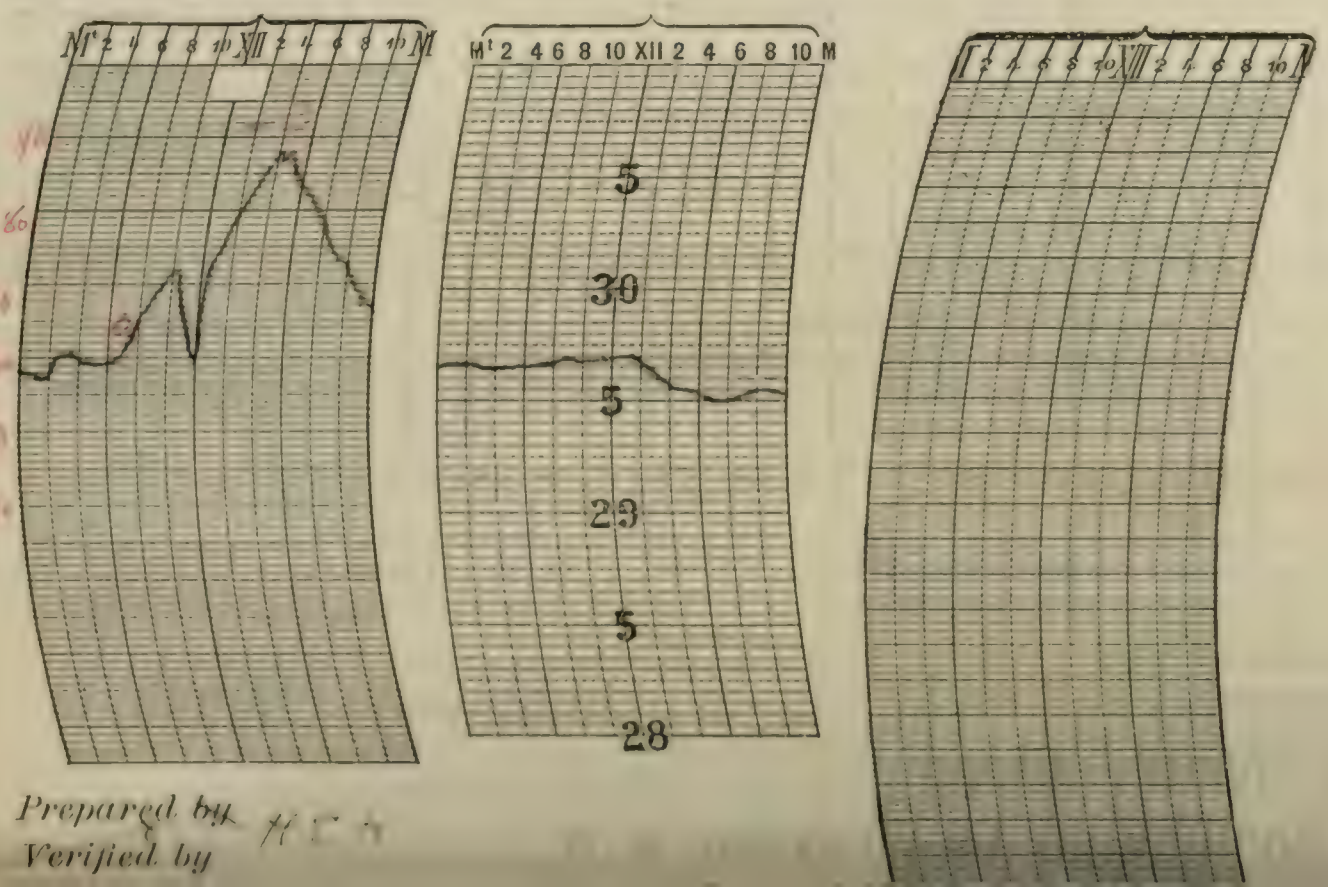
Average hourly velocity, [illegible]

Maximum velocity,	Direction,	Time
24	N	11:32 a.

Relative humidity, 49 a. m. [illegible] p. m.

Reduced barometer, 30.22 a. m. [illegible] p. m.

River gage, 11.5 [illegible]



NOTES.

a Poor connections caused partial loss of record. Directions interpolated.

Prepared by H. C. A.

Verified by

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE Ill, (Day of week) Monday, (Date) MAY 15 1911, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
	A. M.												P. M.											
Temperature at end of hour	64	64	62	62	60	62	67	77	80	82	85	88	87	87	89	86	84	82	80	78	75	76	72	72
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					← Clear							×	PCldy	×	Cldy	×	PCldy	→			Moon shone brightly at times			
Sunshine (in tenths of hours)					0	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.0	0				
Wind direction	S	S	S	S	S	S	SW	SW	SW	SW	SW	SW	SW	SW	SW	W	W	W	W	W	W	W	W	W
Wind movement	3	3	4	3	3	5	8	9	16	16	15	10	10	9	13	13	11	9	5	2	2	4	11	7

Sunrise: Time, 4:38 Character, Clear

Sunset: Time, 7:07 Character, Cloudy

Maximum velocities (exceeding 45 miles)

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum.	Minimum.	Mean.	Normal.
89	60	74	65

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, PCldy (7) Moon phase,

Actual sunshine, hours, 13.3

Possible sunshine, hours, 14.5

Percentage of possible sunshine, 92

Prevailing direction SW-W

Total movement, 191

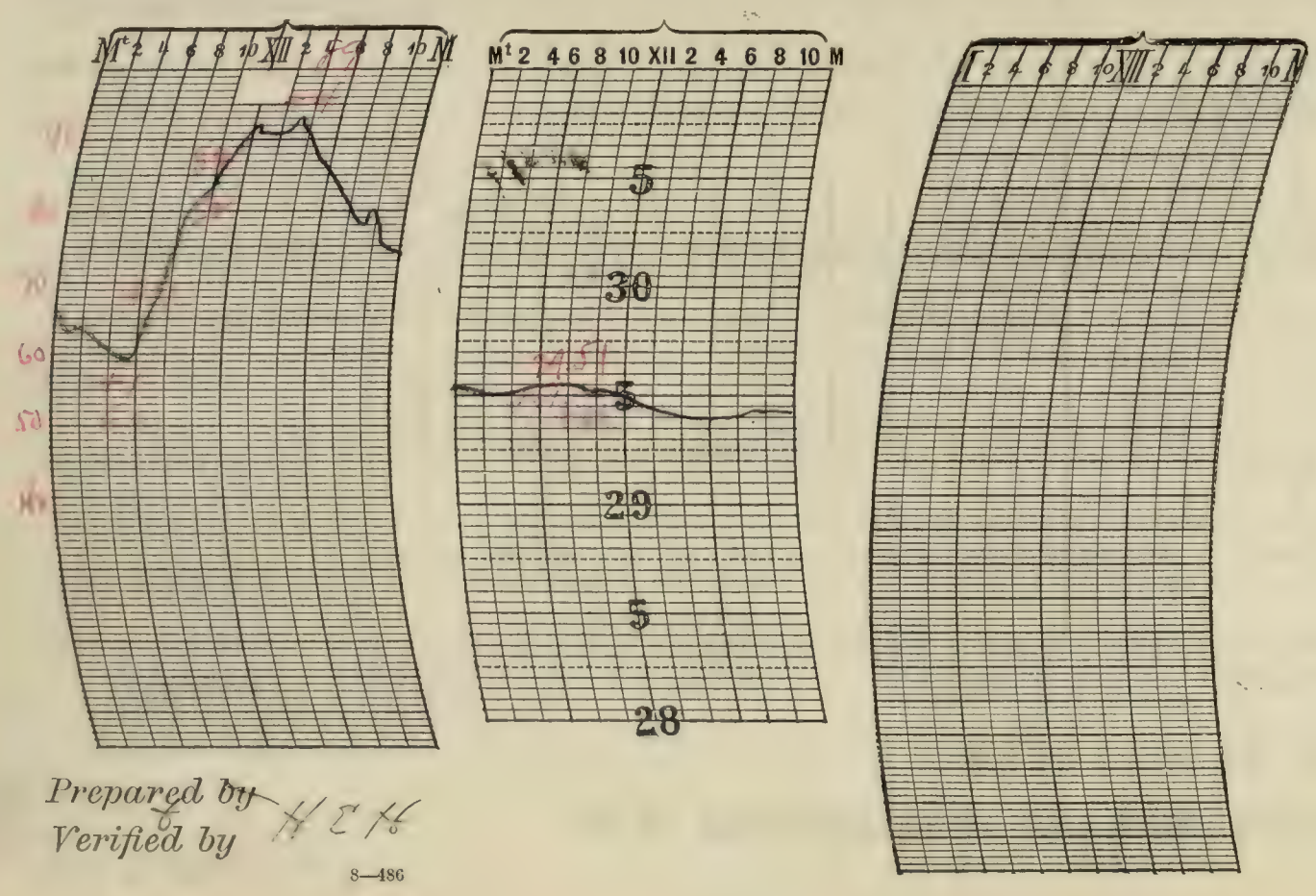
Average hourly velocity, 8.0

Maximum velocity,	Direction,	Time.
18	SW	9:15 am

Relative humidity, 38 a. m. p. m.

Reduced barometer, 30.12 a. m. p. m.

River gage, 14.3 Falling



NOTES.

o Poor connections caused partial loss of record. Directions and velocities interpolated.

Prepared by
Verified by H E H

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Tuesday, (Date) MAY 6 1911, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	71	68	69	67	66	68	75	80	80	83	87	88	90	88	88	87	88	85	80	77	76	74	70	70
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					←			Clear				→	Pt Cldy				→	Cldy			moon observed			
Sunrise: Time, Character	4:37 Clear																				Sunset: Time, Character	7:07 Cloudy		
Sunshine (in tenths of hours)					0	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	0				
Wind direction	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W°	SW	SW	SW	SW°
Wind movement	8	4	2	5	2	2	6	12	12	11	11	13	12	11	10	11	10	9	8	8	8	9	5	2
Maximum velocities (exceeding 25 miles)																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum.	Minimum.	Mean.	Normal.
90	66	75	67

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Pt Cldy (1) Moon phase.

Actual sunshine, hours, 13.8

Possible sunshine, hours, 14.5

Percentage of possible sunshine, 95

Prevailing direction W

Total movement, 191

Average hourly velocity, 8.0

Maximum velocity,	Direction.	Time.
15	W	1:00 p

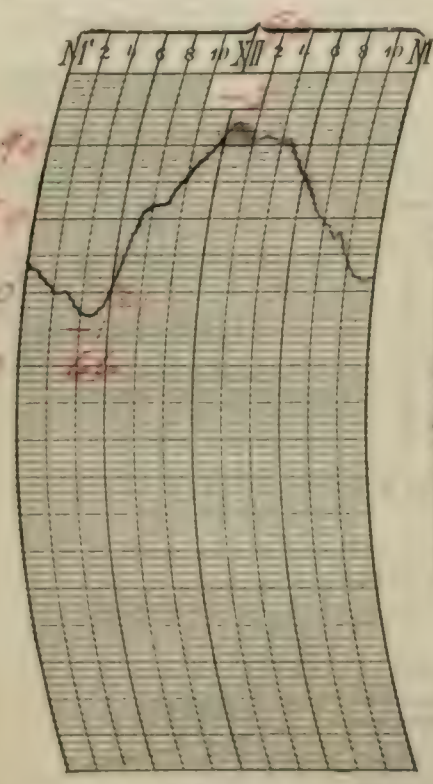
Relative humidity, 63 a. m. p. m.

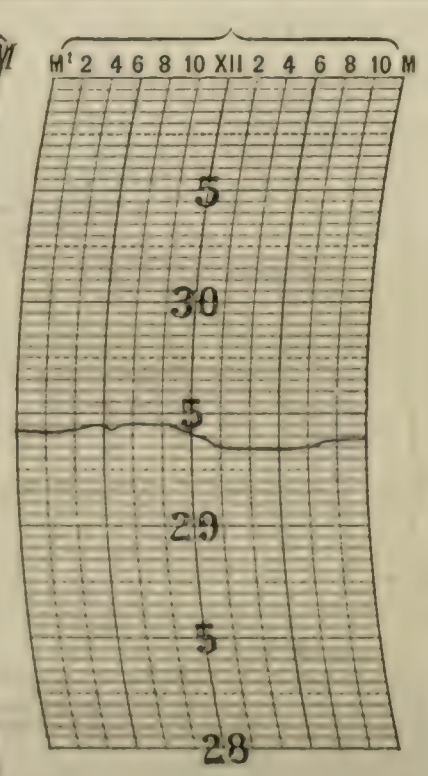
Reduced barometer, 30.05 a. m. p. m.

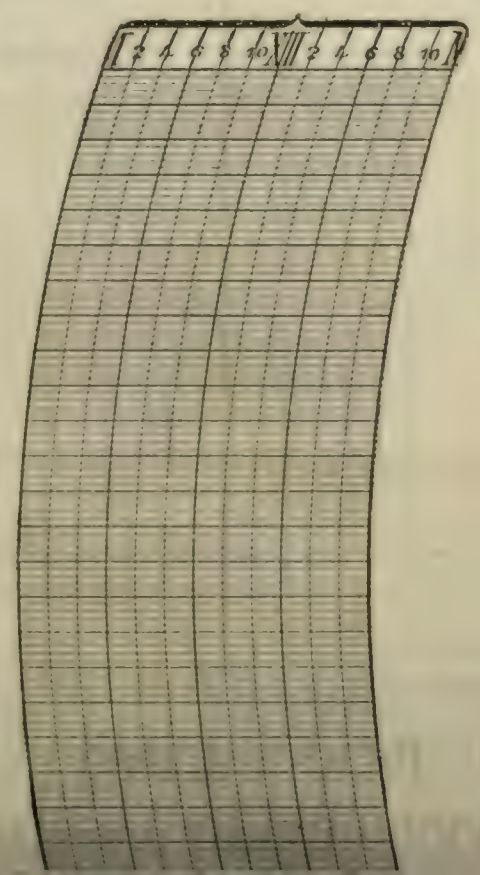
River gage, 14 + Falling

NOTES.

° Directions interpolated







Prepared by H. E. T.

Verified by

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL, (Day of week) Wednesday, (Date) MAY 17 1911, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	71	72	69	68	67	70	72	79	84	86	88	88	90	90	91	88	87	79	78	76	75	75	73	73
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					←				Clear				×		Cldy					→				
Sunshine (in tenths of hours)					0	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	0.0	0				
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	W	W	SW	SW	SW	SW	SW	N	N	N	W	W	W
Wind movement	2	2	5	2	4	4	5	11	11	10	10	11	9	10	12	11	11	10	4	1	1	4	3	2
Maximum velocities (exceeding 25 miles)																								

Sunrise: Time, 4:36; Character, Clear

Sunset: Time, 7:08; Character, Cloudy

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

	Maximum.	Minimum.	Mean.	Normal.
	91	67	79	61

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Cldy (3) Moon phase,

Actual sunshine, hours, 12.8

Possible sunshine, hours, 14.5

Percentage of possible sunshine, 88

Prevailing direction SW

Total movement, 159

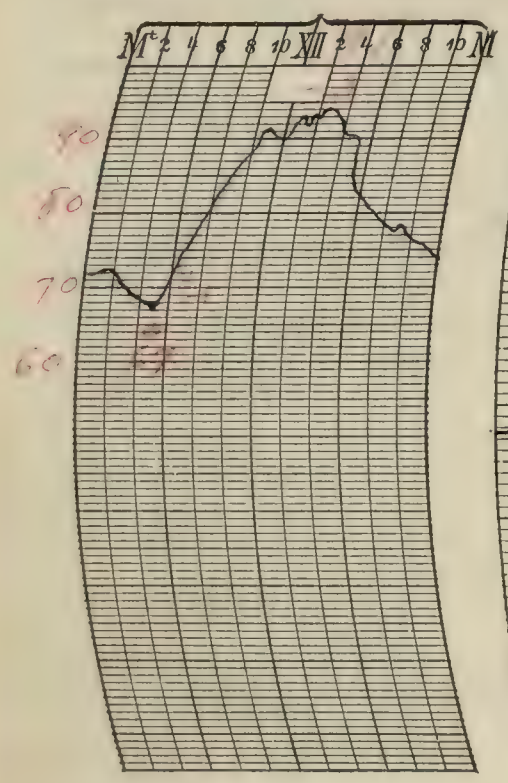
Average hourly velocity, 6.6

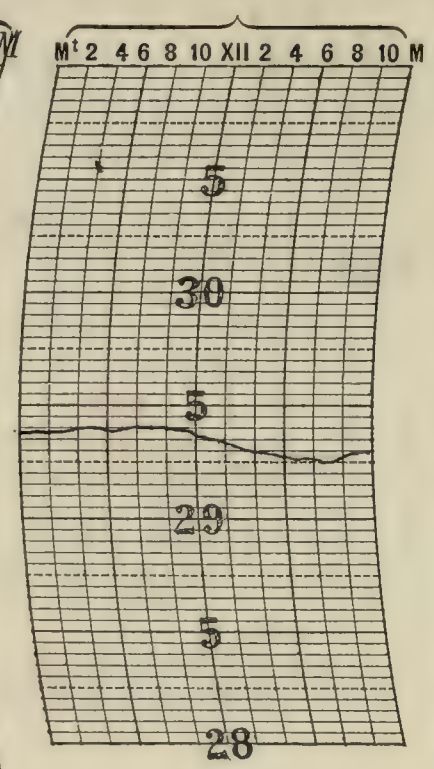
Maximum velocity,	Direction,	Time.
20*	SW	4.20 pm

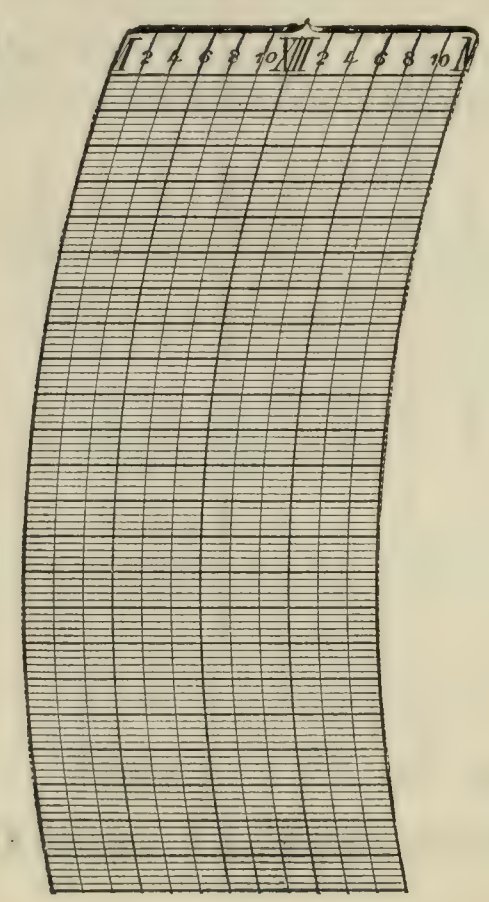
Relative humidity, 67 a. m. ____ p. m.

Reduced barometer, 30.00 a. m. ____ p. m.

River gage, 14.1 Falling







Prepared by
Verified by

8—486

NOTES.

o Directions interpolated.

x Clock stopped. Velocities interpolated.

*. Max for 22 hrs.

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Thursday, (Date) MAY 10 1911, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	73	70	68	68	68	70	[illegible]	80	82	84	86	88	90	91	92	91	88	88	84	81	79	78	78	77
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					←			Clear			—	×	Pt Cldy			×		Clear		→				
Sunrise: Time, Character	4:35 Clear																				Sunset: Time, Character	7:09 Clear		
Sunshine (in tenths of hours)					0	0.0	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0				
Wind direction	W	W	W	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	S	S	S	S	S
Wind movement	4	4	4	4	6	6	18	9	13	14	15	14	16	19	22	21	21	18	17	12	10	10	12	12
Maximum velocities (exceeding 25 miles)																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts.

Maximum.	Minimum.	Mean.	Normal.
92	65	[illegible]	[illegible]

Total depth of snow for 24 hours ending 7 p. m. [illegible] inches.

Snow on ground 7 p. m., [illegible] inches.

Total snowfall, midnight to midnight, [illegible] inches.

Precipitation to 7 a. m., [illegible] ins.; to 7 p. m. 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear (3) Moon phase [illegible]

Actual sunshine, hours, 14.6

Possible sunshine, hours, 14.6

Percentage of possible sunshine, 100

Prevailing direction, SW

Total movement, 301

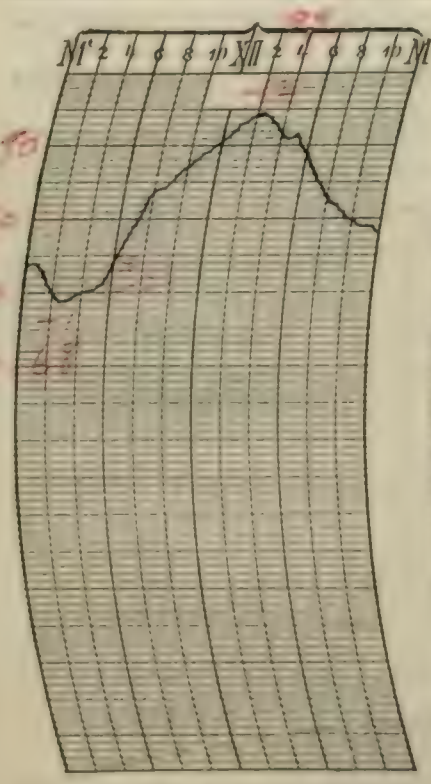
Average hourly velocity, 12.5

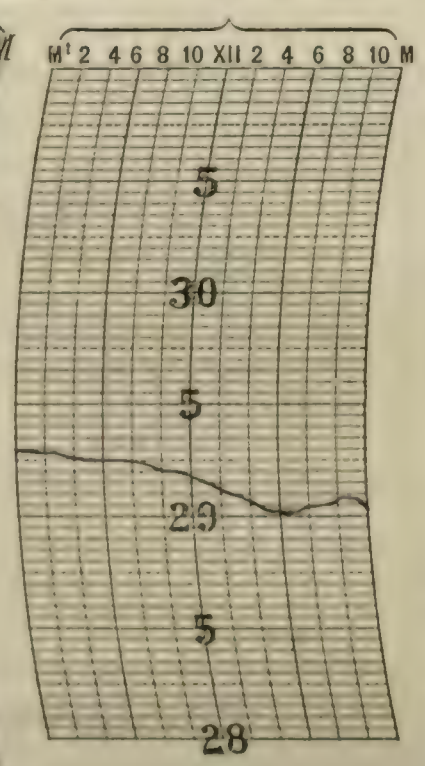
Maximum velocity.	Direction.	Time.
24 *	SW	4.30 pm

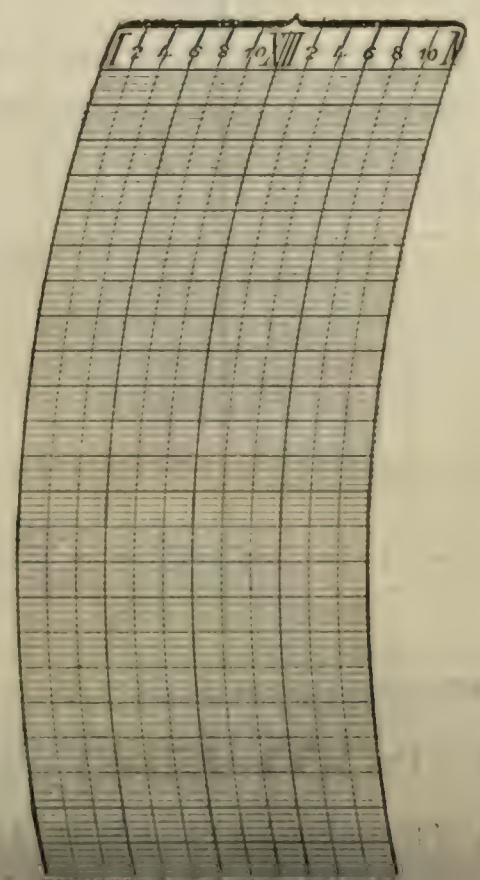
Relative humidity, 73 a. m. [illegible] p. m.

Reduced barometer, 29.84 a. m. [illegible] p. m.

River gage, 14.1 Falling







NOTES.

Record — temperature [illegible]

a defective clock causes loss of record.

* Max for 17½ hours.

Prepared by KEH

Verified by

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LASALLE ILL., (Day of week) Friday, (Date) MAY 19 1911, 191

Time (local standard), 90 mer.

1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	76	74	72	72	72	74	76	81	83	86	87	88	89	89	89	88	88	86	83	81	80	79	78	69
State of weather: Nature of precipitation and time of beginning and ending																								RB 11:55
Amounts of precipitation																								T
Cloudiness and other conditions													Clear											
Sunshine (in tenths of hours)					0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4 0.6	.1T 0				
Wind direction	S	S	S	S	SW	SW	SW	SW	SW	W	W	W	W	W	W	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	14	13	13	12	13	13	15	18	20	23	24	22	26	25	23	24	25	25	22	16	14	15	8	9
Maximum velocities (exceeding 75 miles)										9:35 W 26	10:05 W 27	11:30 W 26	12:42 W 31	1:47 W 30	2:03 W 29	3:35 SW 28	4:20 SW 28	5:15 SW 27						

Sunrise: Time, 4:34 Character, Clear

Sunset: Time, 7:10 Character, Clear

Maximum.	Minimum.	Mean.	Normal.
90	69	80	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Clear ① Moon phase,

Actual sunshine, hours, 146

Possible sunshine, hours, 146

Percentage of possible sunshine, 100

Prevailing direction, Southwest

Total movement, 432

Average hourly velocity, 18.0

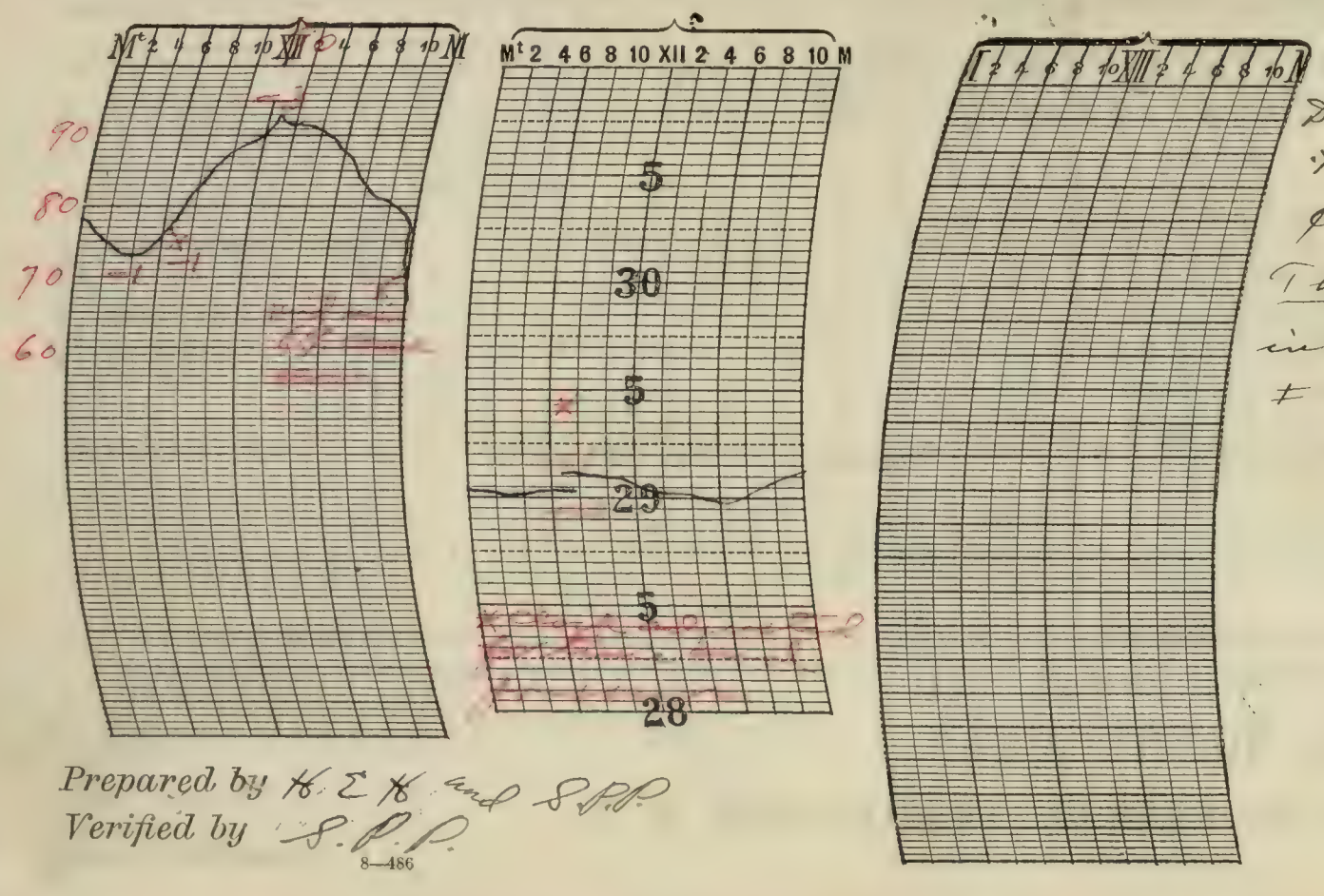
Maximum velocity, ※ 31 Direction, W Time, 12:42 p.m.

Relative humidity, 67 a. m. p. m.

Reduced barometer, 29.65 a. m. p. m.

River gage, 14.1 On Stand

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.



NOTES.

× Poor connections caused loss of record. Directions interpolated.

※ Max for 21½ hours.

ϕ Estimated. Clock stopped.

Thunderstorm. First heard 11:50 p. Continued into following day. Came from Southeast.

‡ Interpolated. Clock stopped.

Prepared by H. E. H. and S. P. P.

Verified by S. P. P.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

MAY 20 1911

(Station) La Salle Ill., (Day of week) Saturday, (Date) ....., 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	65	65	65	64	65	67	70	73	78	80	78	79
Nature of precipitation and time of beginning and ending	RE Ra											
Amounts of precipitation	2	.04 2										
Cloudiness and other conditions					← PtCldy						—	×
Sunrise: Time, Character,	4:33 Clear											
Sunshine (in tenths of hours)					ø .43	ø 1.0	ø 1.0	ø 1.0	ø 1.0	ø 1.0	1.0	1.0
Wind direction	× SW	× SW	× SW	× SW	× SW	× SW	× SW	× SW	× SW	× SW	W	NW
Wind movement	‡ 9	‡ 5	‡ 5	‡ 5	‡ 4	‡ 8	‡ 7	‡ 3	‡ 3	5	8	8
Maximum velocities (exceeding 75 miles)												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	76	73	67	67	68	67	67	66	66	66	66	66
Nature of precipitation and time of beginning and ending		RB 1:32					RE 6:15					
Amounts of precipitation		.01	.05	.09	.02	.01						
Cloudiness and other conditions												
Sunset: Time, Character,									7:11 Cloudy			
Sunshine (in tenths of hours)	ø 0.8	0	0	0	0	0	0	0				
Wind direction	× N	× N	× W	× N	NE	E	E	E	E	E	E	E
Wind movement	8	7	‡ 7	‡ 8	8	7	5	6	6	5	6	7

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
81	64	72	62

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .04 ins; to 7 p. m., .18 ins.

Total precipitation, midnight to midnight, .22 inches.

Character of day, Cloudy (8) Moon phase.....

Actual sunshine, hours, 8.2

Possible sunshine, hours, 14.6

Percentage of possible sunshine, 56

Prevailing direction, Southwest

Total movement, 150

Average hourly velocity, 6.2

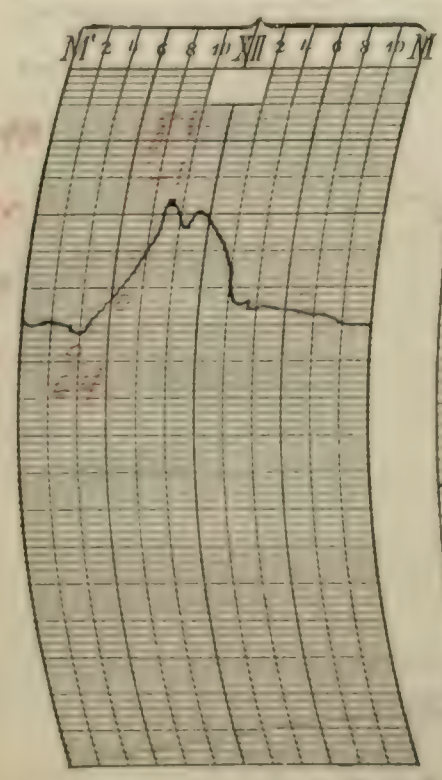
Maximum velocity, ✗ 14 Direction, NE Time, 4:35 pm

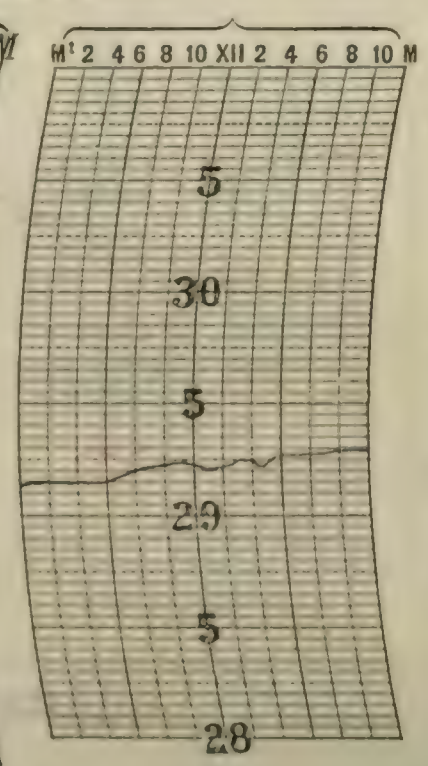
Relative humidity, 81 a. m. ..... p. m.

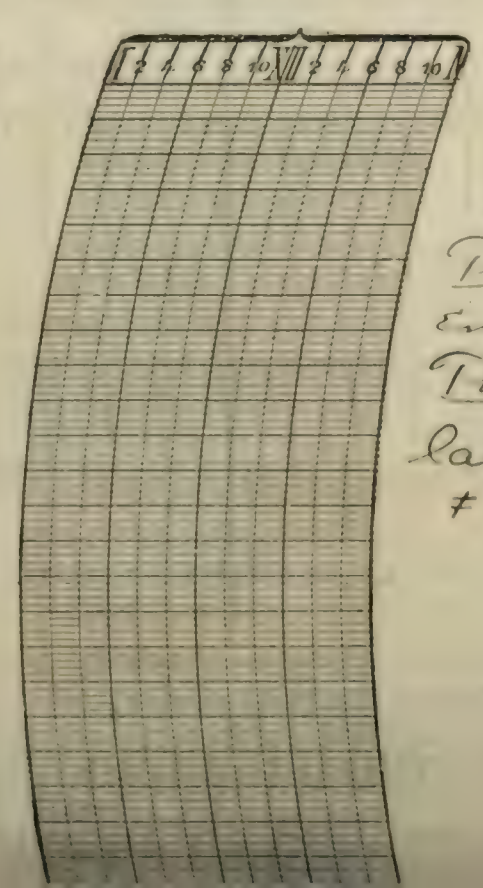
Reduced barometer, 29.72 a. m. ..... p. m.

River gage, 14.0 Falling

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.







Prepared by S. P. L.
Verified by S. P. L.

NOTES.

ø Eye observations
× Interpolated
✗ Ulay for 14 3/7 hrs
Estimated. Clock stopped
Thunderstorm. Began before midnight. Ended P. M. Came from Southeast.
Thunderstorm. First heard 12:05 pm; last heard 4:10 pm; came from Northwest.
‡ Interpolated. Clock stopped.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LASALLE ILL, (Day of week) Sunday, (Date) MAY 21 1911, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	65	66	67	67	67	68	68	68	70	70	72	74
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions				Clear	Cloudy							
Sunrise: Time, Character,	4:33 Clear											
Sunshine (in tenths of hours)					.45 0	0.4 0.6	0.2	0	✳ 0.7	✳ 1.0	✳ 1.0	✳ 0.9
Wind direction	E	E	E	E	× E	E	E	× E	× E	× E	× E	SE
Wind movement	8	7	7	5	7	6	4	6	7	7	8	8
Maximum velocities (exceeding 25 miles)												

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	76	78	79	80	79	77	75	72	70	69	68	66
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions				Pt Cldy								
Sunset: Time, Character,									7:12 Clear			
Sunshine (in tenths of hours)	0.6	0.9	1.0	0.9	1.0	0.7	0.6 0	.20 0				
Wind direction	SE	S	SW	S	S	S	S	SW	W	W	W	W
Wind movement	9	13	11	12	12	12	12	9	5	3	5	3
Maximum velocities (exceeding 25 miles)												

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

	Maximum.	Minimum.	Mean.	Normal.
	80	65	72	67

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day Pt Cldy ⊕ Moon phase, C L. Q. 12 30 p.

Actual sunshine, hours, 11.2

Possible sunshine, hours, 14.6

Percentage of possible sunshine, 77

Prevailing direction East

Total movement, 186

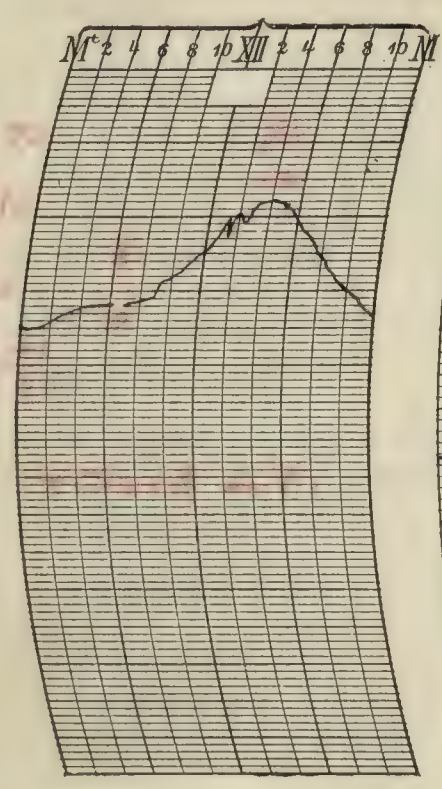
Average hourly velocity, 7.8

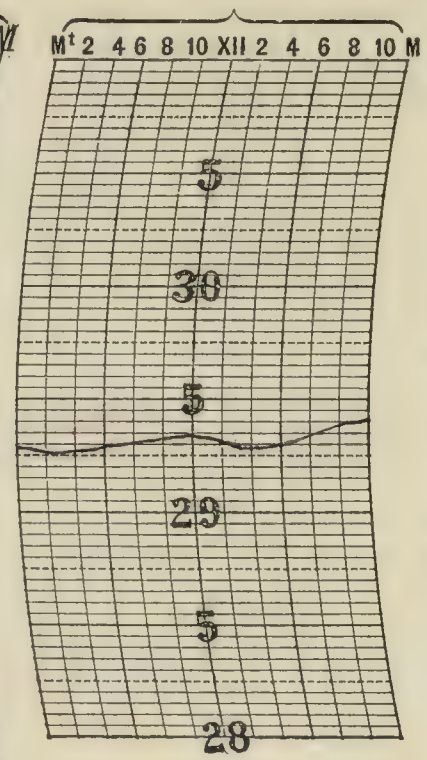
Maximum velocity,	Direction,	Time.
17	SE	1:32 pm

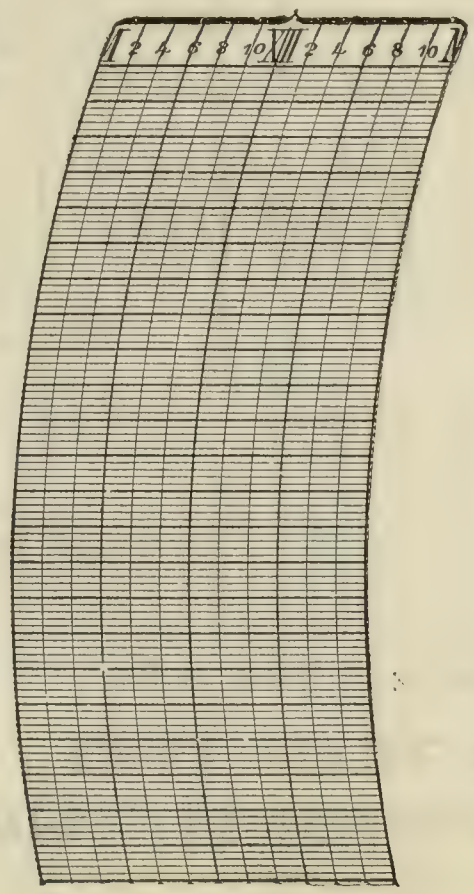
Relative humidity, 90 a. m. ____ p. m.

Reduced barometer, 29.83 a. m. ____ p. m.

River gage, 14.0 Stationary







NOTES.

✳ Sun shining thru clouds.
× Interpolated.

Prepared by S. P. P.
Verified by S. P. P.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

MAY 1911

(Station) LA SALLE, ILL., (Day of week) Monday, (Date) ....., 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	66	66	66	65	65	64	66	66	67	68	68	70
Nature of precipitation and time of beginning and ending	RB RE	D Ha	D Ha					RB 7:15 RE 7:30		RB 9:08 RE 9:24		
Amounts of precipitation	←	—	T	→				T		T		
Cloudiness and other conditions	←			cloudy								→
Sunshine (in tenths of hours)					0	0	0	0	0	0	0	0.3
Wind direction	W	W	W	W	W	W	W	W	W	W	W	W
Wind movement	1	1	1	1	2	2	1	2	2	5	8	7

Sunrise: Time, 4:32 Character, cloudy

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	74	76	76	77	77	76	74	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Nature of precipitation and time of beginning and ending										RB RE	D D	Kp Kp
Amounts of precipitation										←	T	→
Cloudiness and other conditions	←			Part Cloudy								→
Sunshine (in tenths of hours)	0.8	1.0	0.9	0.9	1.0	0.6	0	0				
Wind direction	W	W	W	W	W	S	W	S	E	W	W	W
Wind movement	7	11	10	9	13	9	6	5	9	9	10	5

Sunset: Time, 7:13 Character, Clear

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
77	[illegible]	[illegible]	[illegible]

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., T ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Part Cldy (7) Moon phase, ...

Actual sunshine, hours, 5.4

Possible sunshine, hours, 14.7

Percentage of possible sunshine, 36

Prevailing direction, West

Total movement, 136

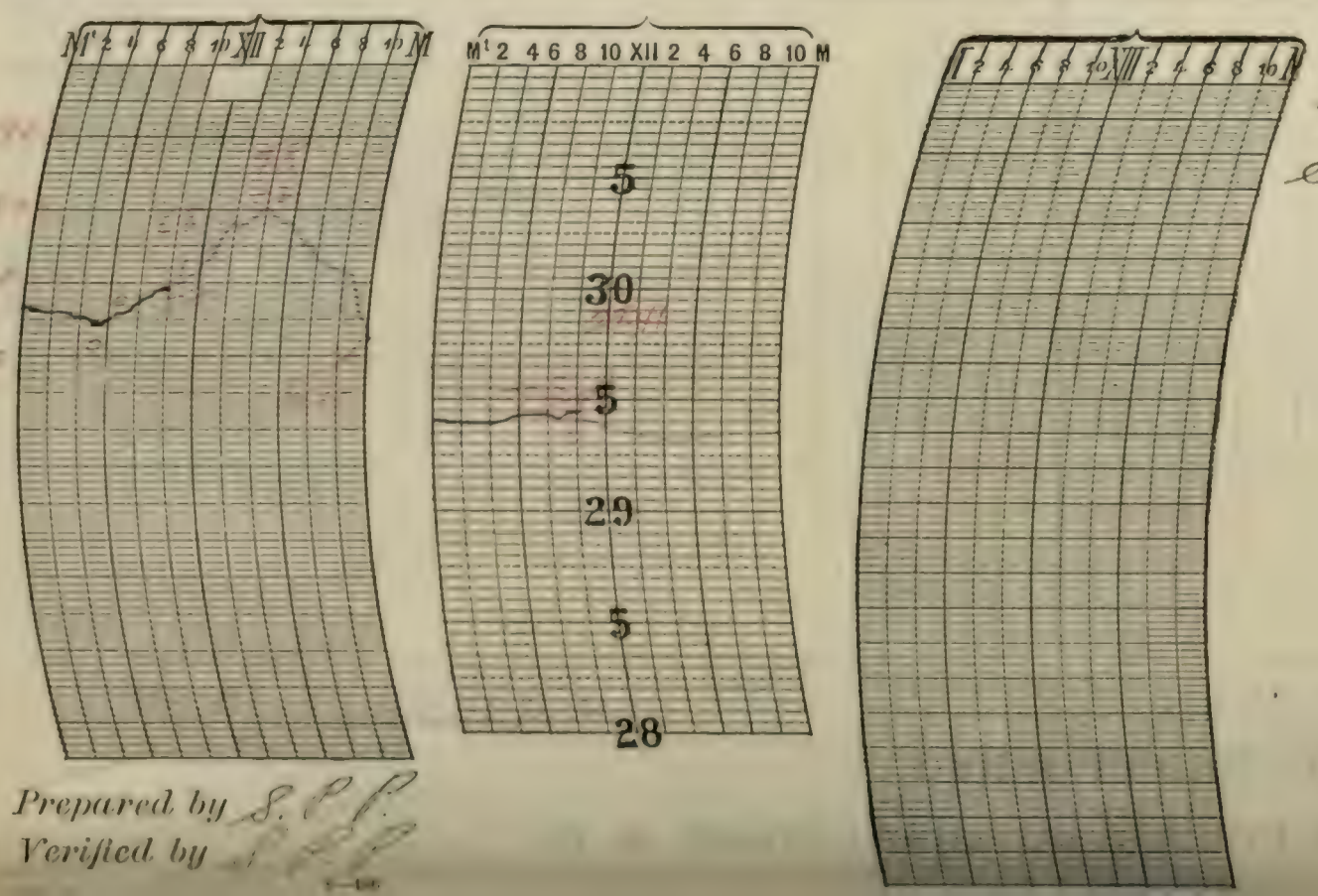
Average hourly velocity, 5.7

Maximum velocity.	Direction.	Time.
16	W	10:40 a.m.

Relative humidity, 90 a. m. ..... p. m.

Reduced barometer, 29.98 a. m. ..... p. m.

River gage, 14.9 Rising



NOTES.

× Interpolated.

Thunderstorm. First heard 10:00 p.m.; last heard 7 Np. Came from southwest.

Prepared by S. P. F.

Verified by .....

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Tuesday, (Date) MAY 23 1911, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	60	60	59	58	59	58	60	62	62	63	66	68
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions				← Clear →		Pt Cldy						
Sunrise: Time, Character	4:31 Clear											
Sunshine (in tenths of hours)					0	0	0.4	0.6	0.9	0.7	0.8	0.6
Wind direction	W	W	W ×	W ×	W	W	W	W	W	SW	SW	SW
Wind movement	1	1	2	5	9	9	12	13	15	18	20	19
Maximum velocities (exceeding 25 miles)											10:34 SW 25	

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	71	68	70	71	71	70	69	65	62	57		
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					← Clear →							
Sunset: Time, Character									7:14 Clear			
Sunshine (in tenths of hours)	0.9	0.8	0.7	1.0	1.0	0.4	0.9	0.3				
Wind direction	SW	W	W	W	W	W	W	W	W	W	W	W
Wind movement	21	20	19	17	16	14	8	4	1	1	2	1
Maximum velocities (exceeding 25 miles)	12:55 SW 26											

Maximum.	Minimum.	Mean.	Normal.
72	57	13	13

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., T ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Pt Cldy Moon phase,

Actual sunshine, hours, 11.6

Possible sunshine, hours, 14.7

Percentage of possible sunshine, 79

Prevailing direction, W

Total movement, 249

Average hourly velocity, 10.4

Maximum velocity,	Direction,	Time.
26	SW	12:55 p

Relative humidity, 75 a. m. ____ p. m.

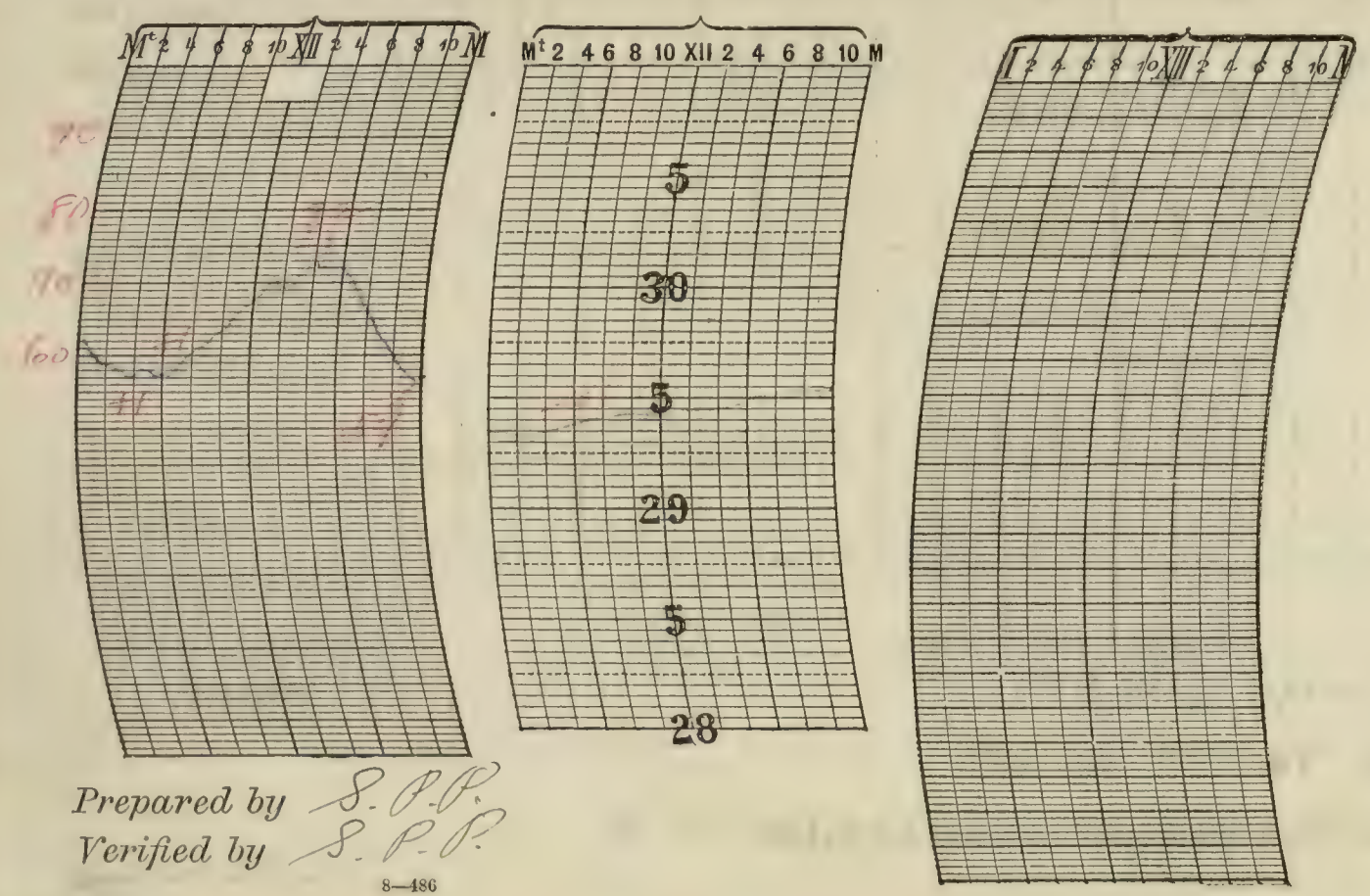
Reduced barometer, 29.95 a. m. ____ p. m.

River gage, 15.6 Rising

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

× Interpolated.

NOTES.



Prepared by S. P. P.

Verified by S. P. P.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Wednesday, (Date) MAY 2 - 1911, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	55	56	56	54	53	56	62	69	74	76	78	80	82	85	86	87	87	87	84	[illegible]	[illegible]			
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					←						Clear										→			
Sunshine (in tenths of hours)					0	0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0	0				
Wind direction	O	W	W	O	W	W	W	SW	SW	SW	*S	Ø S	S	S	S	SW	SW	S	SE	SE	SE	SW	SW	SW
Wind movement	0	1	2	0	2	1	1	2	7	[illegible]	8	8	9	9	11	11	10	6	6	4	2	2	7	4
Maximum velocities (exceeding 25 miles)																								

Sunrise: Time, 4:30; Character, Clear

Sunset: Time, 7:15; Character, Clear

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

Maximum.	Minimum.	Mean.	Normal.
[illegible]			

Total depth of snow for 24 hours ending 7 p. m., [illegible] inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear ○ Moon phase, ____

Actual sunshine, hours, 14.8

Possible sunshine, hours, 14.8

Percentage of possible sunshine, [illegible]

Prevailing direction, [illegible]

Total movement, 122

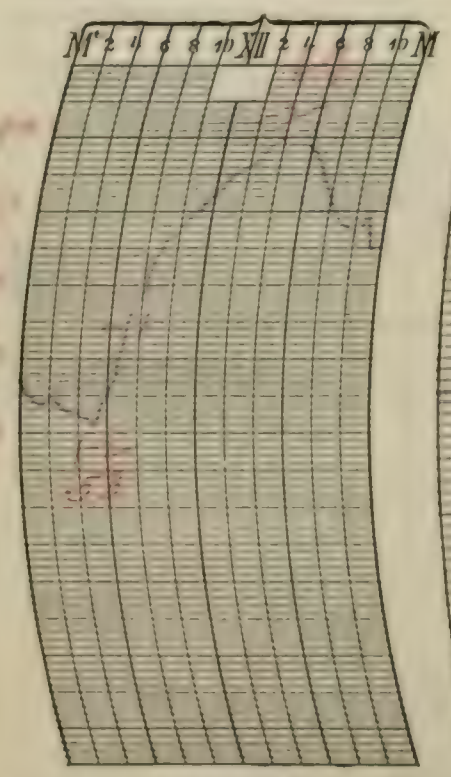
Average hourly velocity, 5.1

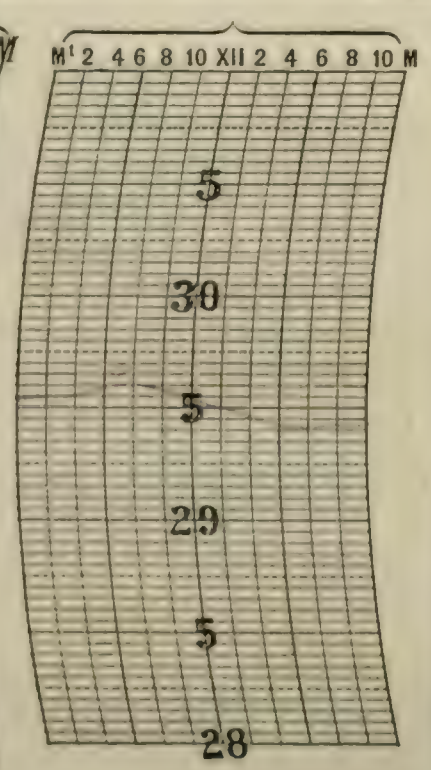
Maximum velocity,	Direction,	Time.
15	SW	[illegible]

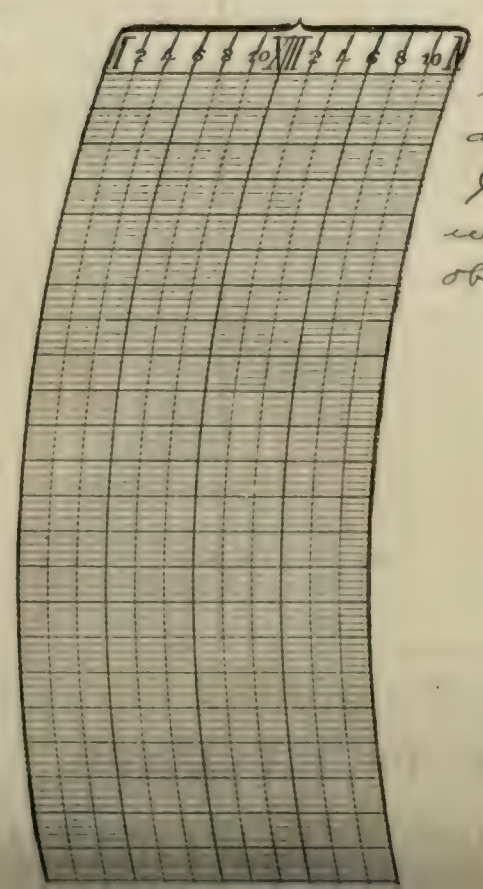
Relative humidity, 74 a. m. ____ p. m.

Reduced barometer, 30.17 a. m. ____ p. m.

River gage, 15.7 Rise







NOTES.

* Wind direction record lost while contacts in contact box were being examined and cleaned. Record partly eye observation.

Ø Wind direction record lost while broken wire was being repaired. Record partly eye observation.

Prepared by S. P. P.

Verified by S. P. P.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LASALLE, ILL., (Day of week) Thursday, (Date) MAY 15 1913, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	71	67	66	65	63	66	71	77	81	85	90	92
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					← Clear							
Sunrise: Time, Character,	4:30 Clear											
Sunshine (in tenths of hours)					.50 0	1.0 0	0.2 0.8	1.0	1.0	1.0	1.0	1.0
Wind direction	SW	SW	S	S	S	S	SW	SW	SW	SW	W	SW
Wind movement	3	2	2	3	4	4	7	11	15	16	14	16
Maximum velocities (exceeding 45 miles)												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	94	95	95	95	95	95	91	85	83			
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions												
Sunset: Time, Character,									7:16 Clear			
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	1.0	1.0	0.9 0.1	.27 0				
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	15	15	17	16	16	12	7	5	8	8	8	8
Maximum velocities (exceeding 45 miles)												

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear (0) Moon phase,

Actual sunshine, hours, 14.8

Possible sunshine, hours, 14.8

Percentage of possible sunshine, 100

Prevailing direction, Southwest

Total movement, 232

Average hourly velocity, 9.7

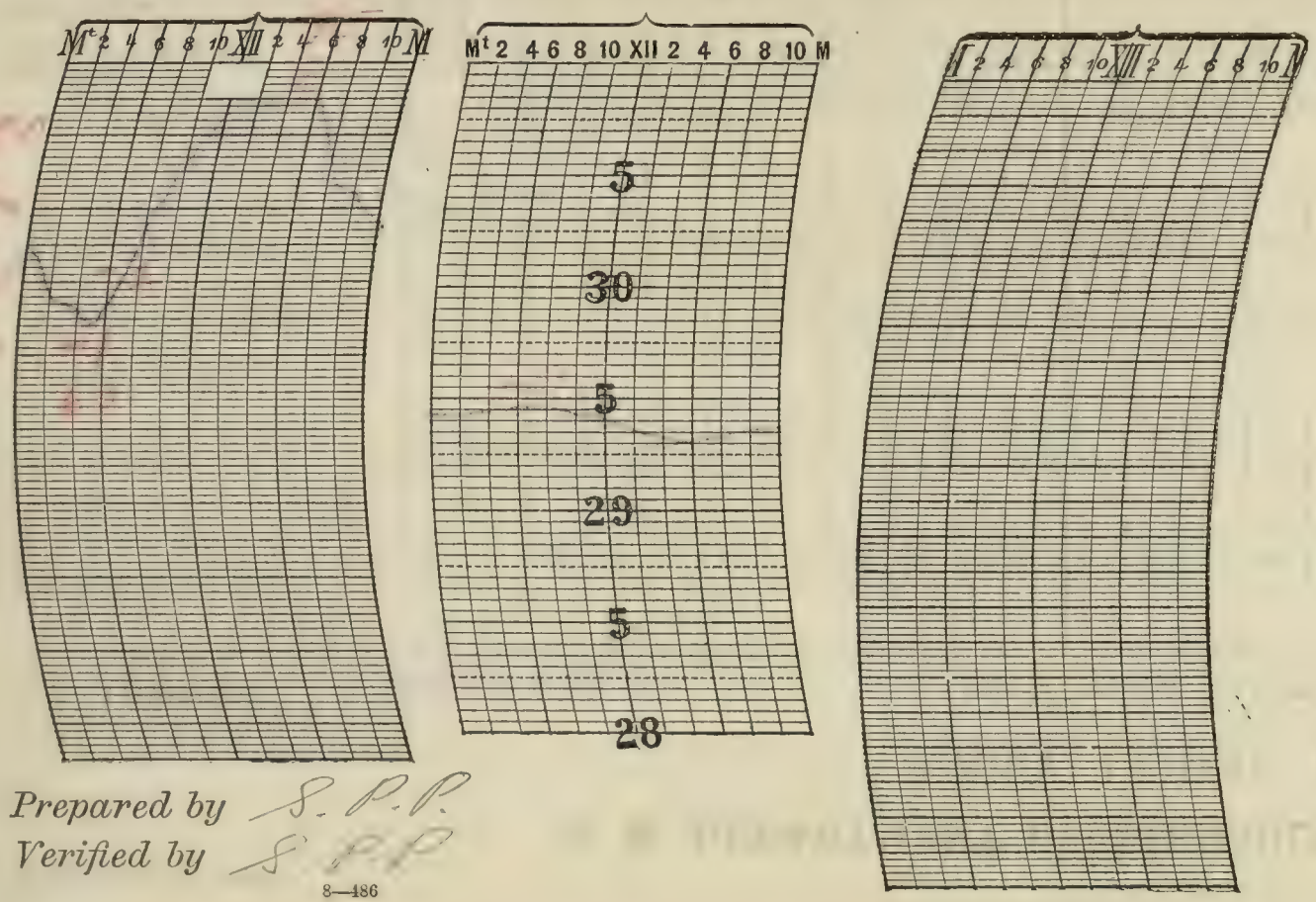
Maximum velocity,	Direction,	Time.
22	SW	2:40 p.m.

Relative humidity, 67 a. m. p. m.

Reduced barometer, 30.04 a. m. p. m.

River gage, 15.6 Falling

NOTES.



Prepared by S. P. P.

Verified by S. P. P.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

MAY 26 191

(Station) LA SALLE ILL, (Day of week) Friday, (Date) ....., 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	74	70	68	65	67	67	74	77	82	88	91	92
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions												Clear
Sunrise: Time, 4:29 Character, Clear												
Sunshine (in tenths of hours)					0	0	0.4	1.0	1.0	1.0	1.0	1.0
Wind direction	SW	SW	SW	W	W	W	SW	W	W	SW	SW	SW
Wind movement	2	1	1	1	3	3	8	9	7	9	11	11
Maximum velocities (exceeding 25 miles)												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	94	94	94	94	94	94	89	85	82	79	79	77
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Clear											
Sunset: Time, 7:17 Character, Clear												
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	1.0	0.1	0	0				
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	S	S	S	S
Wind movement	12	12	13	15	13	8	5	2	4	4	6	6
Maximum velocities (exceeding 25 miles)												

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
94	[illegible]		69

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear (0) Moon phase, ...

Actual sunshine, hours, 14.8

Possible sunshine, hours, 14.8

Percentage of possible sunshine, 100

Prevailing direction, [illegible]

Total movement, 166

Average hourly velocity, 6.9

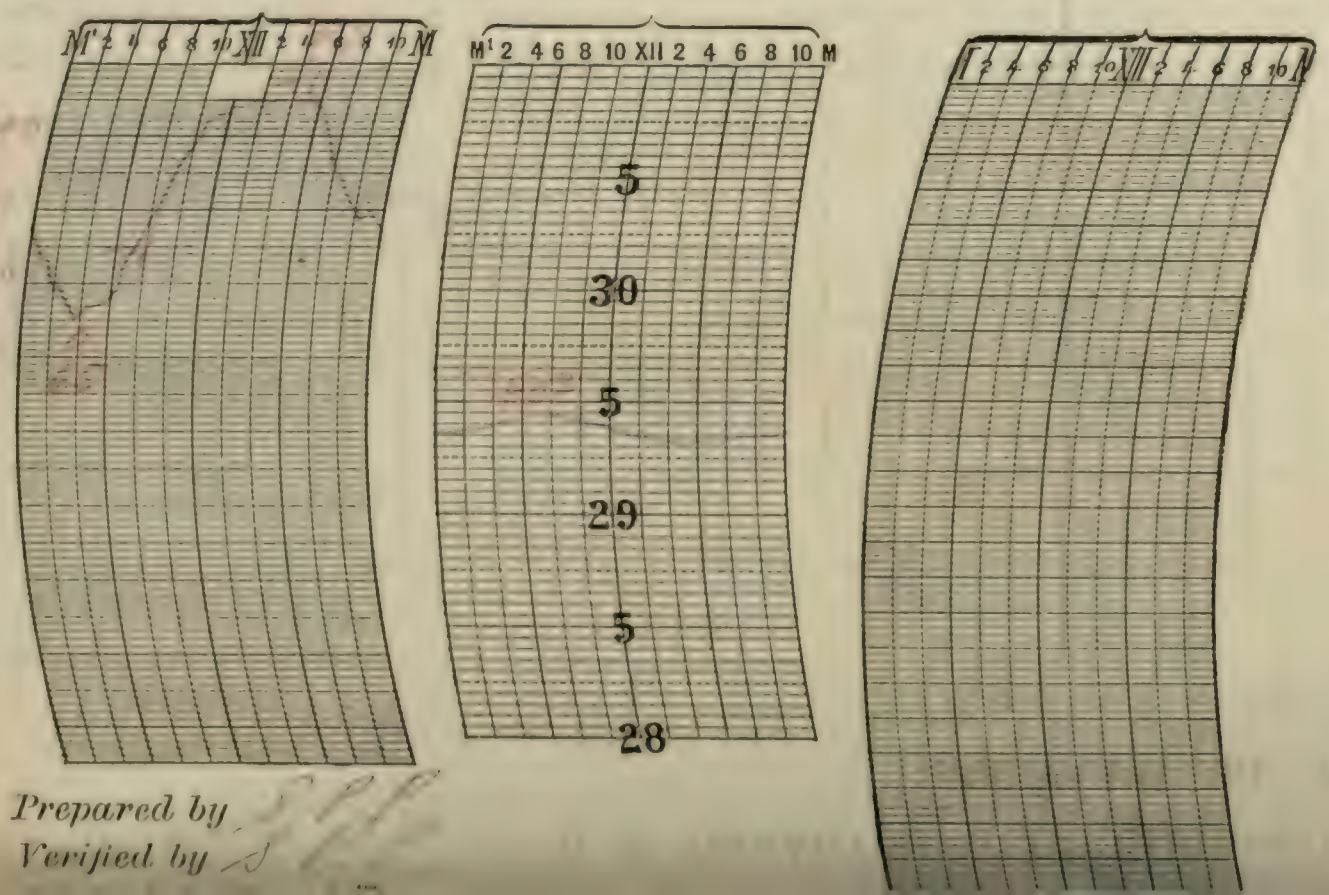
Maximum velocity,	Direction,	Time.
19	SW	3:54 p.m.

Relative humidity, 60 a. m. ..... p. m.

Reduced barometer, 30.03 a. m. ..... p. m.

River gage, 15.2 falling

NOTES.



Prepared by [illegible]

Verified by [illegible]

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Saturday, (Date) MAY 27 1911, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	73	72	71	74	72	70	76	82	87	88	90	92
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					←							Clear
Sunrise: Time, Character, 4:18 Clear												
Sunshine (in tenths of hours)					.53 0	0.9 0.1	1.0	1.0	1.0	1.0	1.0	1.0
Wind direction	SW	S	S	SW	SW	S	S	SW	SW	SW	SW	SW
Wind movement	2	4	2	7	4	2	4	6	11	10	13	17
Maximum velocities (exceeding 7.5 miles)												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	92	93	93	93	93	92	88	84	80	79	[illegible]	[illegible]
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions												
Sunset: Time, Character, 7:18 Clear												
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	1.0	0.6 0.4	1.0 0	.30 0				
Wind direction	SW	SW	SW	SW	SW	SW	SW	W	W	W	W	W
Wind movement	19	21	19	19	19	13	7	4	4	7	3	1
Maximum velocities (exceeding 7.5 miles)		2.5			SW 2.5							

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
[illegible]	[illegible]	[illegible]	[illegible]

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear 0 Moon phase,

Actual sunshine, hours, 14.8

Possible sunshine, hours, 14.8

Percentage of possible sunshine, 100

Prevailing direction Southwest

Total movement, 218

Average hourly velocity, 9.1

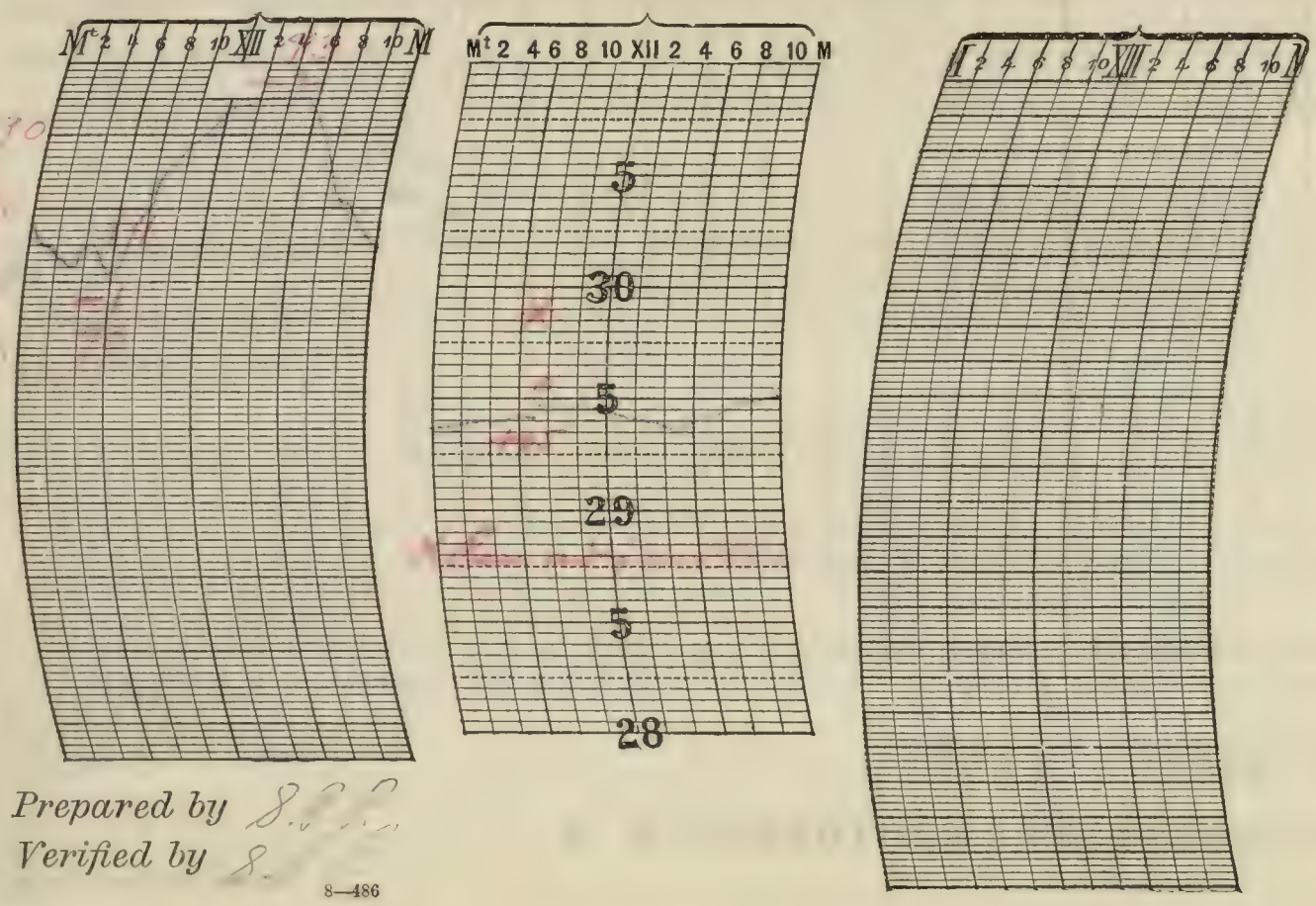
Maximum velocity,	Direction,	Time.
2.5	SW	[illegible]

Relative humidity, 60 a. m. p. m.

Reduced barometer, 30.02 a. m. p. m.

River gage, 14.9 Falling

NOTES.



Prepared by S. C. C.

Verified by S.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Sunday, (Date) MAY 30 1911, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	72	70	69	68	68	68	70	71	73	74	75	80
State of weather: Nature of precipitation and time of beginning and ending			R D H a R D H a									
Amounts of precipitation				.02								
Cloudiness and other conditions					Clear				Pt Cldy			
Sunrise: Time, 4:28 Character, Clear												
Sunshine (in tenths of hours)					0	0	0.3	0.4	0.8	1.0	1.0	1.0
Wind direction	SW	SW	W	W	NE	N	N	NE	NE	NE	NE	E
Wind movement	1	2	2	5	2	2	4	7	9	7	9	6
Maximum velocities (exceeding 25 miles)												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	82	84	84	64	65	66	66	65				
State of weather: Nature of precipitation and time of beginning and ending				R B 3:20	R E 4:45					R O 7:05	R E 2 14	
Amounts of precipitation				.74	.84					T		
Cloudiness and other conditions					Cloudy							
Sunset: Time, 7:18 Character, Cloudy												
Sunshine (in tenths of hours)	1.0	1.0	0.4	0	0	0	0	0				
Wind direction	NE	NE	NE	NE	E	NE	N	SW	NE	NE	NE	E
Wind movement	7	7	9	11	11	5	5	4	3	5	8	3

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
	55	65	65

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .02 ins.; to 7 p. m., 1.58 ins.

Total precipitation, midnight to midnight, 1.60 inches.

Character of day Pt Cldy Moon phase, New 12:27 a.

Actual sunshine, hours, 7.1

Possible sunshine, hours, 14.8

Percentage of possible sunshine, 61

Prevailing direction,

Total movement, 137

Average hourly velocity,

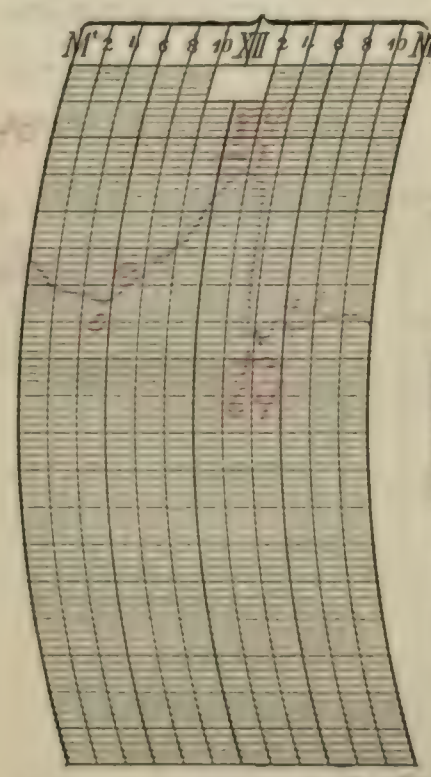
Maximum velocity, 21 Direction, SE Time, 3:00 p.m.

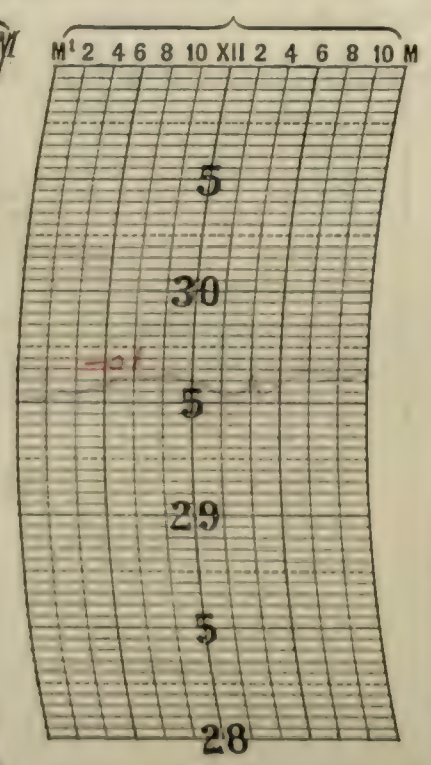
Relative humidity, 82 a. m. p. m.

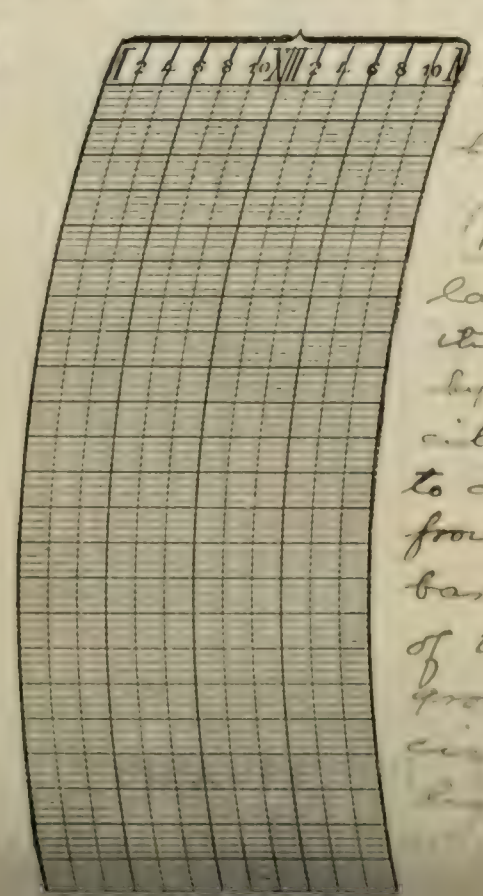
Reduced barometer, 30.16 a. m. p. m.

River gage,

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
	3:20 p	4:45 p	1.58	3:28 p	4:15 p	0	.09	.10	.23	.45	.57	.66	1.01	1.39	1.51	1.55 tot				







NOTES.

Thunderstorm: First heard D.H.a; last heard D H a; came from northwest.

Thunderstorm: First heard 2:14 p.m. last heard 4:40 p.m.; came from southwest; thunder very heavy, and storm attended by excessive precipitation. Low places in city were flooded as sewers were inadequate to carry off the rainfall. No serious damage from flood, however. Lightning struck the barn of Eli Crosier, a farmer living north of Utica. The barn was burned to the ground. About 200 telephones in this vicinity were also put out of order by the lightning.

Prepared by

Verified by

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

LA SALLE, ILL. (Station), (Day of week) Monday, (Date) MAY 24 1911, 191

Time (local standard) 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	65	65	63	61	60	60	61	64	67	68	71	70
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					F Clear						Cloudy	
Sunrise: Time, Character	4:27 Clear											
Sunshine (in tenths of hours)					.55 0	1.0 0	0.8 0.2	0.7	0.1	0	1.0	0.8
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE
Wind movement	5	6	9	9	7	9	9	11	10	9	11	9

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	69	66	65	67	65	64	64	62	59	59		
State of weather: Nature of precipitation and time of beginning and ending	RB 12:08		RE 2:04							RB 9:45	RE Drp	
Amounts of precipitation	T	.05	T							T	T	
Cloudiness and other conditions												
Sunset: Time, Character									7:19 Cloudy			
Sunshine (in tenths of hours)	0	0	0.6	0	0	0	0	0				
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE
Wind movement	6	9	9	11	13	14	10	10	10	8	8	8

Maximum velocities (exceeding 75 miles)

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
71	57	64	65

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., T ins.; to 7 p. m., .05 ins.

Total precipitation, midnight to midnight, .05 inches.

Character of day, Clear (F) Moon phase,

Actual sunshine, hours, 5.8

Possible sunshine, hours, 14.9

Percentage of possible sunshine, 39

Prevailing direction, Northeast

Total movement, 220

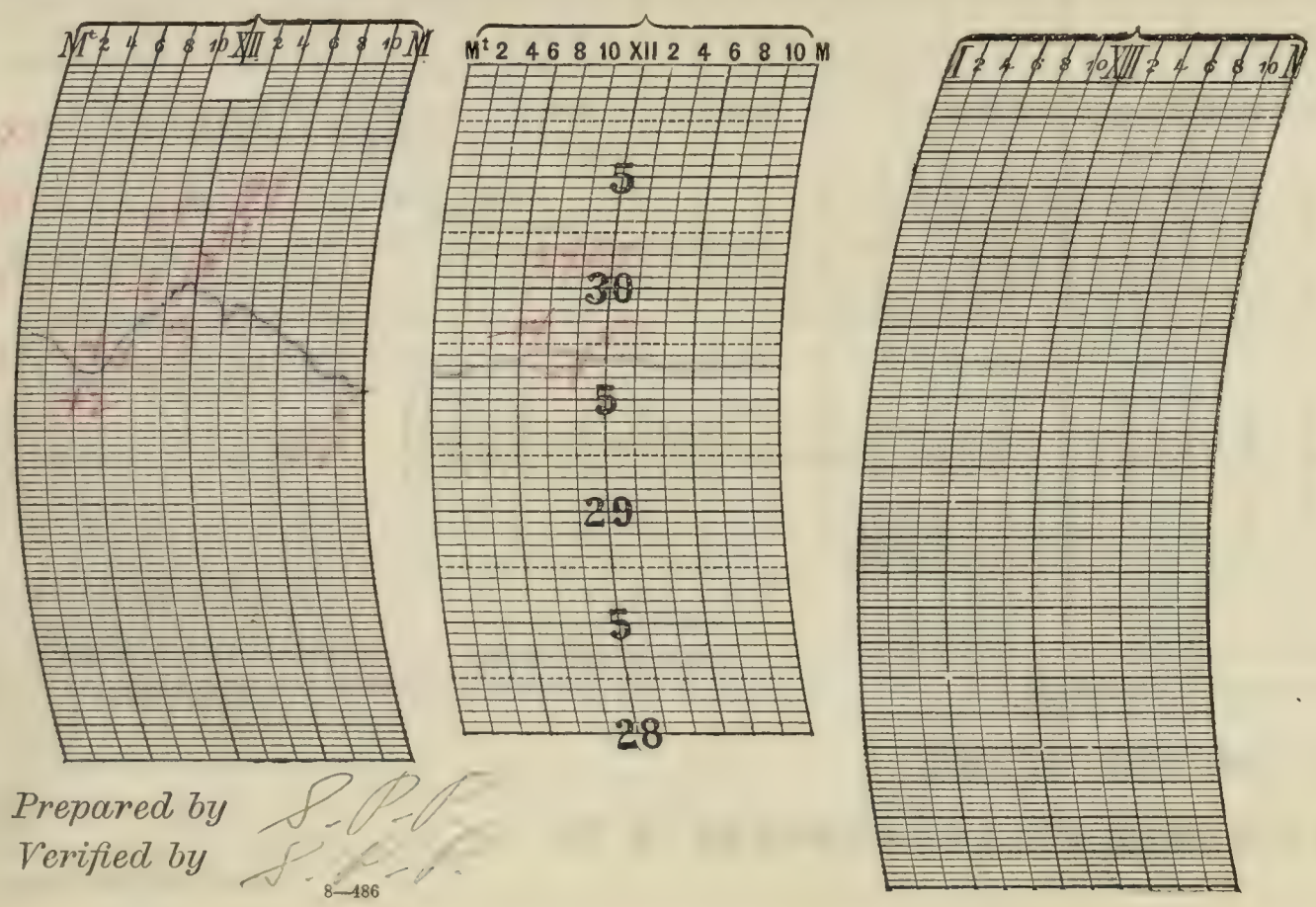
Average hourly velocity, 9.2

Maximum velocity,	Direction,	Time.
18	NE	4:50 p.

Relative humidity, 79 a. m. p. m.

Reduced barometer, 30.203 a. m. p. m.

River gage, 14.5 Falling



NOTES.

Prepared by S. P. O.

Verified by S. F. O.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) LA SALLE ILL., (Day of week) Tuesday, (Date) MAY 30 1911, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	57	57	58	55	58	59	62	66	69	72	75	78
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions												
Sunrise: Time, 4:27 Character, Cloudy												
Sunshine (in tenths of hours)					0	0	0	0.1	1.0	1.0	1.0	1.0
Wind direction	NE	NE	NE	NE	NE	NE	NE	E	E	E	E	E
Wind movement	7	7	8	7	6	7	8	8	7	7	7	5
Maximum velocities (exceeding 40 miles)												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	77	80	81	81	81	[illegible]	[illegible]	[illegible]				
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions												
Sunset: Time, 7:26 Character, Clear												
Sunshine (in tenths of hours)	0.9	1.0	0.7	0.8	1.0	0.7	0	0				
Wind direction	E	E	E	SE	SE	SE	SE	SE	SE	SE	S	S
Wind movement	5	6	6	5	7	4	3	3	2	2	4	2
Maximum velocities (exceeding 40 miles)												

Excessive precipitation, accumulated amounts.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
82	57	[illegible]	65

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, [illegible] inches.

Precipitation to 7 a. m., [illegible] ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, [illegible] inches.

Character of day, Partly Cloudy. Moon phase, [illegible]

Actual sunshine, hours, [illegible]

Possible sunshine, hours, 14.9

Percentage of possible sunshine, [illegible]

Prevailing direction, East

Total movement, 133

Average hourly velocity, 5.5

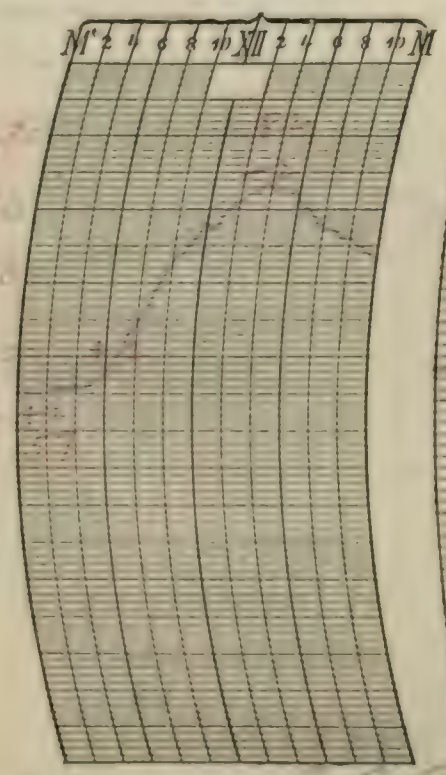
Maximum velocity,	Direction,	Time.
12	E	12 noon

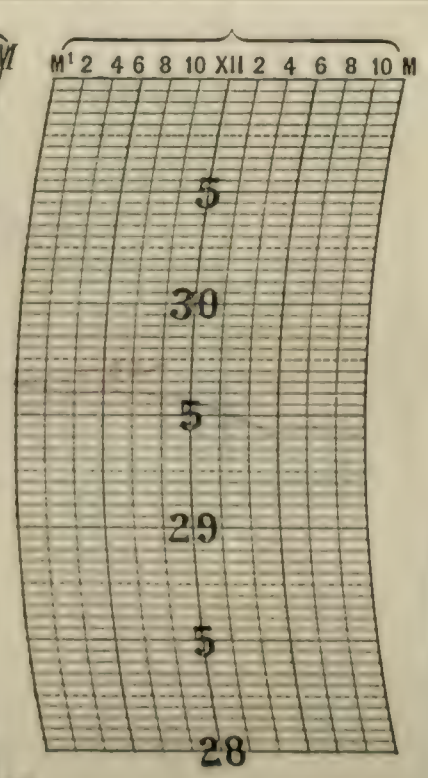
Relative humidity, [illegible] a. m. [illegible] p. m.

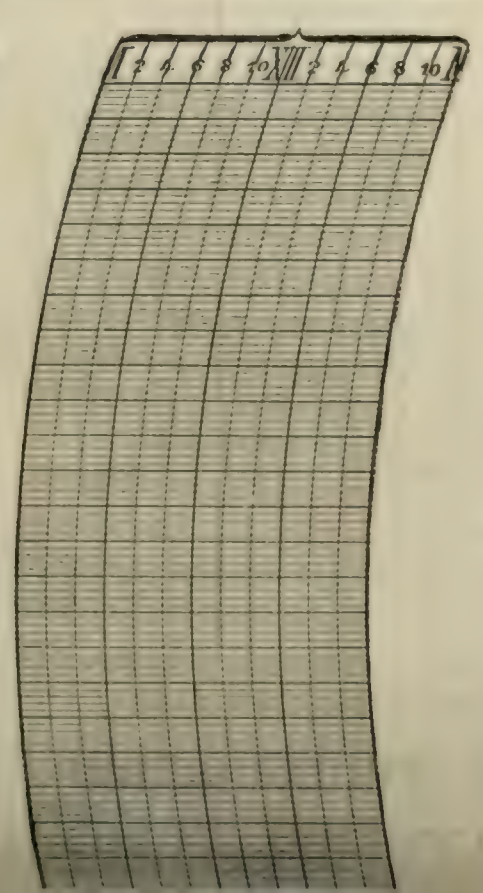
Reduced barometer, [illegible] a. m. [illegible] p. m.

River gage, 14.3 falling

NOTES.







Prepared by [illegible]

Verified by [illegible]

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE ILL., (Day of week) Wednesday, (Date) MAY 31. 19, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	72	72	72	72	72	72	72	73*	74*	75*	77*	78*	80*	81*	81*	81*	80*	79*	77*	74*	71*	69*	66*	63*
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					Cloudy					Pt Cldy						Clear								
Sunrise: Time, 4:24 Character, Cloudy																					Sunset: Time, 7:24 Character, Clear			
Sunshine (in tenths of hours)					0	0	0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0	0				
Wind direction	S	SW	SW	SW	SW	W	NW	W	W	W	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	N	N	NE	NE
Wind movement	2	6	7	5	4	9	6	5	8	12	11	11	14	13	16	12	12	10	8	5	5	4	5	3
Maximum velocities (exceeding 25 miles)																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Maximum.	Minimum.	Mean.	Normal.
81	63	72	66

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, ____ inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Pt Cldy, Clear. Moon phase, ____

Actual sunshine, hours, ____

Possible sunshine, hours, 14.9

Percentage of possible sunshine, ____

Prevailing direction, Northwest

Total movement, 193

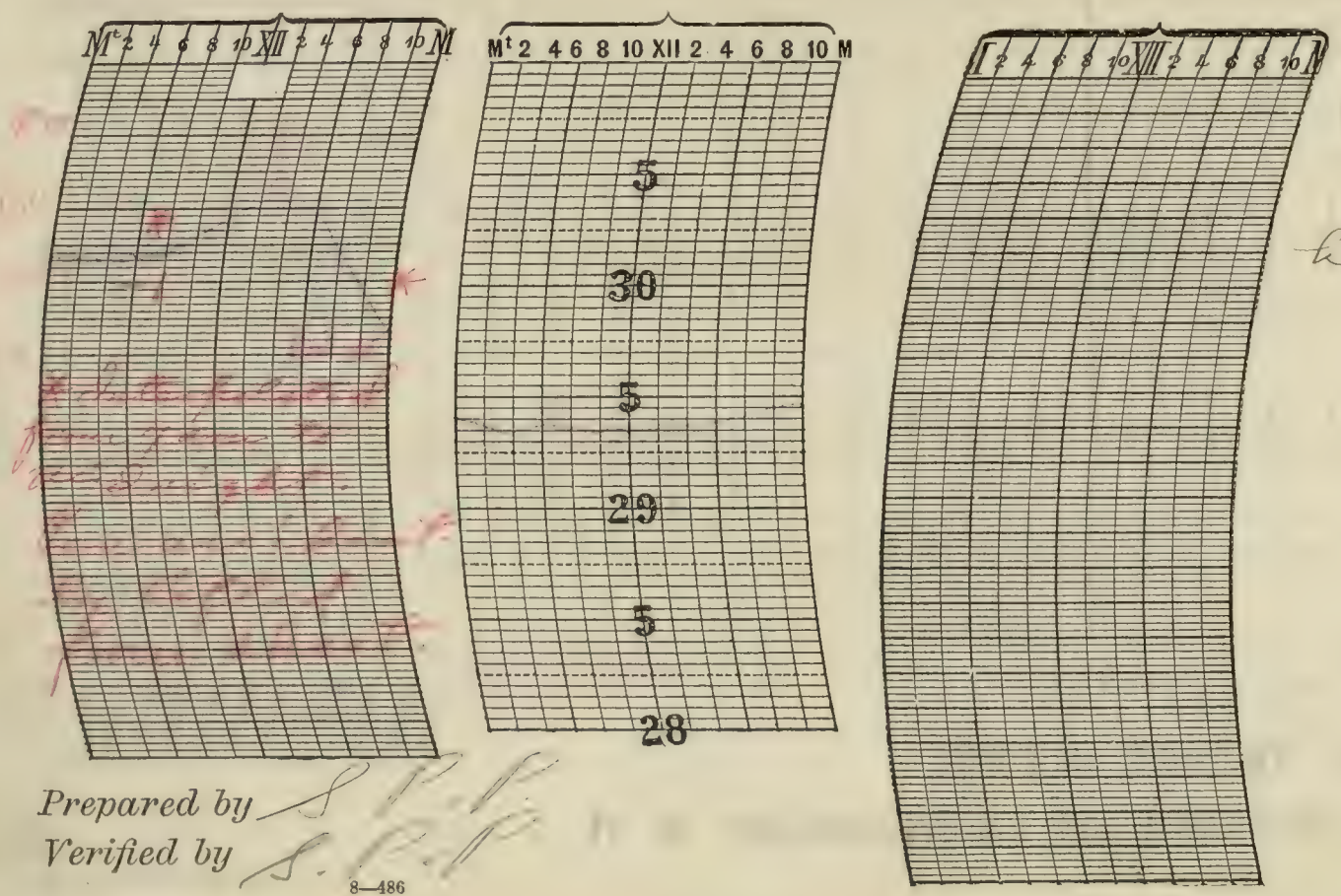
Average hourly velocity, 8.0

Maximum velocity,	Direction,	Time.
18	NW	2:2

Relative humidity, 75 a. m. ____ p. m.

Reduced barometer, 29.93 a. m. ____ p. m.

River gage, 14.3 Stationary



NOTES.

* Interpolated, Pen accident from sheet

Thunderstorm. First & last heard 7 M a. Came from northwest

Prepared by S. P. [illegible]

Verified by S. P. [illegible]

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) LA SALLE ILL., (Day of week) Thursday, (Date) JUN 1 1911, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	* 60	* 58	* 56	* 55	* 55	* 57	61	67	71	73	76	76	78	81	79	81	80	79	76	74	72	70	68	66
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					Clear																			
Sunshine (in tenths of hours)					0	0	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.5	0.6	0	0				
Wind direction	NE	NE	NE	NE	NE	NE	SW	SW	SW	SW	SW	SW	SW	SW	S	S	S	S	S	SW	SW	S	SE	SE
Wind movement	2	1	2	2	2	2	5	7	5	7	6	7	5	5	6	3	4	3	5	5				
Maximum velocities (exceeding 25 miles)																								

Sunrise: Time, 4:26; Character, Clear

Sunset: Time, 7:22; Character, Cloudy

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
81	55	68	66

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to ... a. m., ... ins.; to ... p. m., ... ins.

Total precipitation, midnight to midnight, ... inches.

Character of day, Partly Cloudy. Moon phase, ...

Actual sunshine, hours, 12.4

Possible sunshine, hours, 14.9

Percentage of possible sunshine, ...

Prevailing direction, S

Total movement, 93

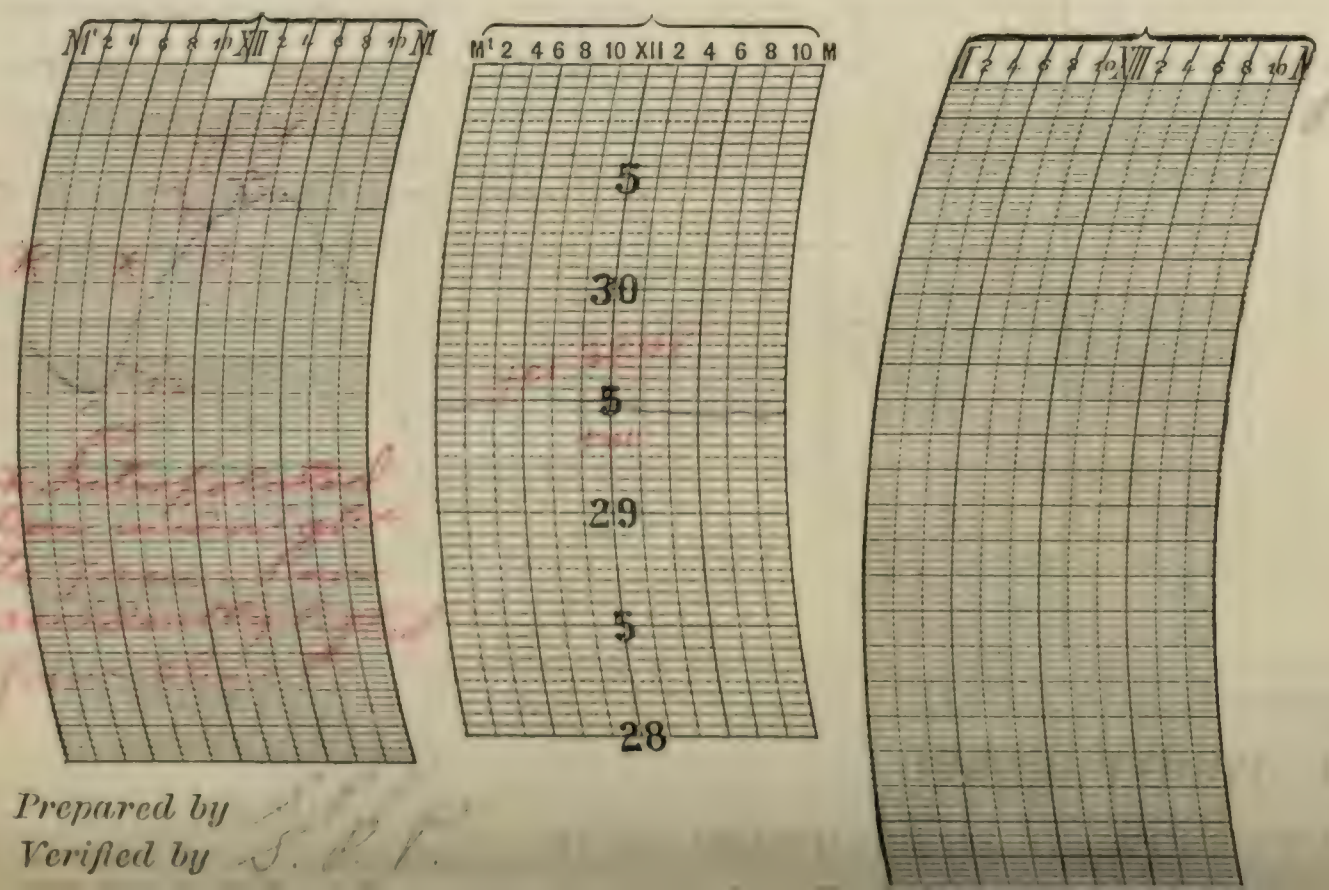
Average hourly velocity, ...

Maximum velocity,	Direction,	Time.
7	SW	7:45 a. m.

Relative humidity, ... a. m. ... p. m.

Reduced barometer, ... a. m. ... p. m.

River gage, 14.3



NOTES.

* Interpolated. [illegible]

Prepared by [illegible]

Verified by [illegible]

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE ILL, (Day of week) Friday, (Date) JUN 2 1911, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	66	66	65	64	63	61	65	65	62	62	62	62
Nature of precipitation and time of beginning and ending								RB 7:16				
Amounts of precipitation								T	.11	.12	.13	.18
Cloudiness and other conditions						Cloudy						
Sunrise: Time, Character,	4:75 Cloudy											
Sunshine (in tenths of hours)					0	0	0	0	0	0	0	0
Wind direction	SE	SE	SE	S	S	SE	S	NW	NW	NE	E	E
Wind movement	2	2	1	4	3	4	8	9	4	7	6	4

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	63	62	64	70	71	72	67	65	64	63	61	62
Nature of precipitation and time of beginning and ending			RE 2:55	RB 3:15 RE 4:00								
Amounts of precipitation	.08	.01	.03	T								
Cloudiness and other conditions						Cloudy						
Sunset: Time, Character,									7:22 Cloudy			
Sunshine (in tenths of hours)	0	0	0.1	0.4	0.2	0.6	0	0				
Wind direction	SE	S	S	S	S	SE	SE	E	E	E	E	E
Wind movement	13	15	13	14	6	5	6	11	9	11	10	7

Maximum velocities (exceeding 40 miles)

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum.	Minimum.	Mean.	Normal.
74	51	62	66

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, ____ inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., .66 ins.

Total precipitation, midnight to midnight, .66 inches.

Character of day, Cloudy (9) Moon phase, ____

Actual sunshine, hours, 1.3

Possible sunshine, hours, 15.0

Percentage of possible sunshine, 9

Prevailing direction E-SE-S

Total movement, 174

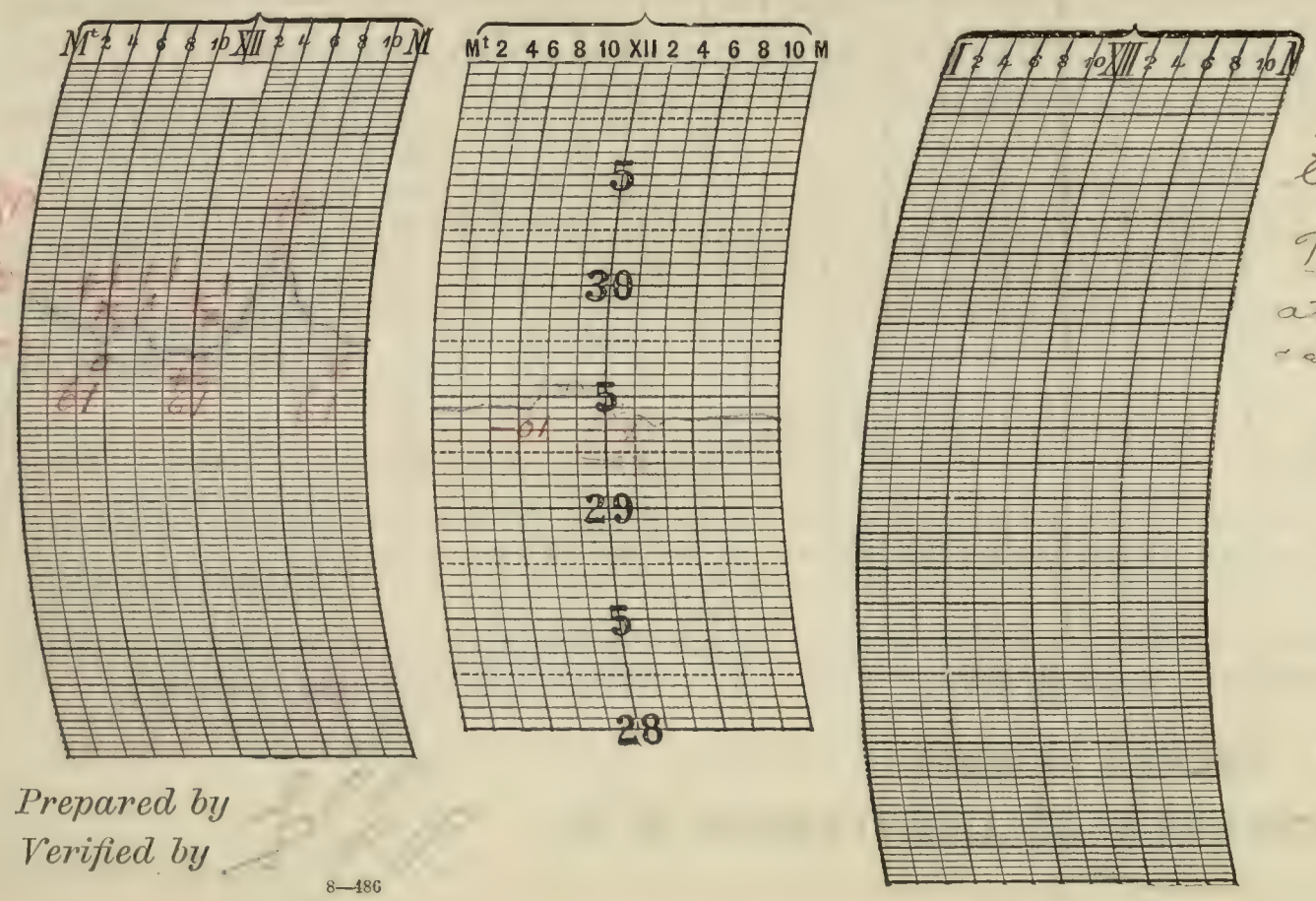
Average hourly velocity, 7.2

Maximum velocity,	Direction,	Time.
23	NW	7:20 p

Relative humidity, 69 a. m. ____ p. m.

Reduced barometer, 30.5 a. m. ____ p. m.

River gage, 14.3 Stationary



NOTES.

Special observation taken today at 2:15 pm and telegraphed to Washington. Pressure falling rapidly.

Thunderstorm: first thunder heard at 7:41 am; last heard at 3:45 pm; storm came from northwest.

Prepared by

Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) LA SALLE ILL, (Day of week) Saturday, (Date) JUN 1911, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	64	64	64	64	64	64	68	73	74	79	82	84	88	92	93	93	93	93	90	86	80	78	79	78
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions																								
Sunrise: Time, 4:25 Character, Cloudy																					Sunset: Time, 7:23 Character, Clear			
Sunshine (in tenths of hours)					0	0	0	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	1.0	.38 0				
Wind direction	SE	S	S	S	S	S	S	SW	E	E	SE	SE	S	S	SW	SW	SW	SW	S	S	S	S	SW	SW
Wind movement	6	6	5	2	2	2	1	1	1				8	8	6	5	6	3	2	3	5	6	12	
Maximum velocities (exceeding 25 miles)																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum.	Minimum.	Mean.	Normal.
93	62	78	67

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear (2) Moon phase, D Hide Moon

Actual sunshine, hours, 12.8

Possible sunshine, hours, 15.0

Percentage of possible sunshine, 85

Prevailing direction S

Total movement, 157

Average hourly velocity, 6.5

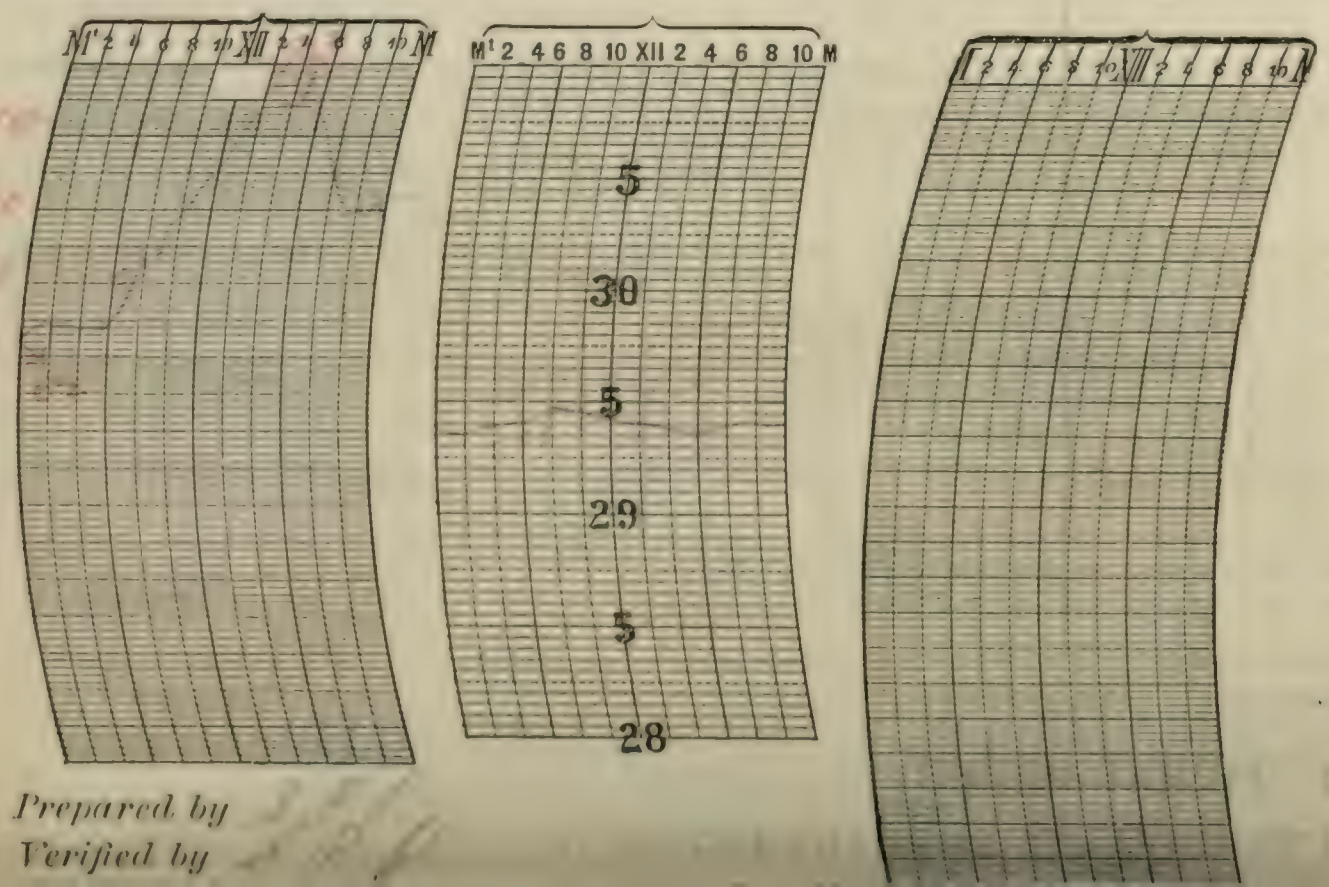
Maximum velocity.	Direction.	Time.
18	SW	

Relative humidity, 81 a. m. p. m.

Reduced barometer, 29.27 a. m. p. m.

River gage, 14.4 falling

NOTES.



Prepared by

Verified by

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LASALLE, *(Day of week)* Sunday, *(Date)* JUN 4 1911, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	77	78	76	72	72	74	77	83	87	92	94	94
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions											Clear	
Sunrise: Time, 4:25 Character, Clear												
Sunshine (in tenths of hours)					.58 0	1.0 0	0.3 0.7	1.0	1.0	1.0	1.0	1.0
Wind direction	SW	W	SW	SW	S	SW	SW	SW	SW	SW	SW	SW
Wind movement	6	7	7	5	2	6	6	7	12	12	16	17
Maximum velocities (exceeding 25 miles)												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	95	96	96	96	96	94	90	85	84	78	77	74
Sunset: Time, 7:24 Character, Clear												
Sunshine (in tenths of hours)	1.0	1.0	1.0	0.9	1.0	1.0	0.6 0.4	.40 0				
Wind direction	SW	SW	SW	SW	W	W	W	W	W	W	W	W
Wind movement	18	17	18	17	16	9	7	3	2	4	3	2

	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
—	—	—	—

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, ____ inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, ____ inches.

Character of day, Clear Moon phase, ____

Actual sunshine, hours, 14.9

Possible sunshine, hours, 15.6

Percentage of possible sunshine, 95

Prevailing direction, Southwest

Total movement, 219

Average hourly velocity, ____

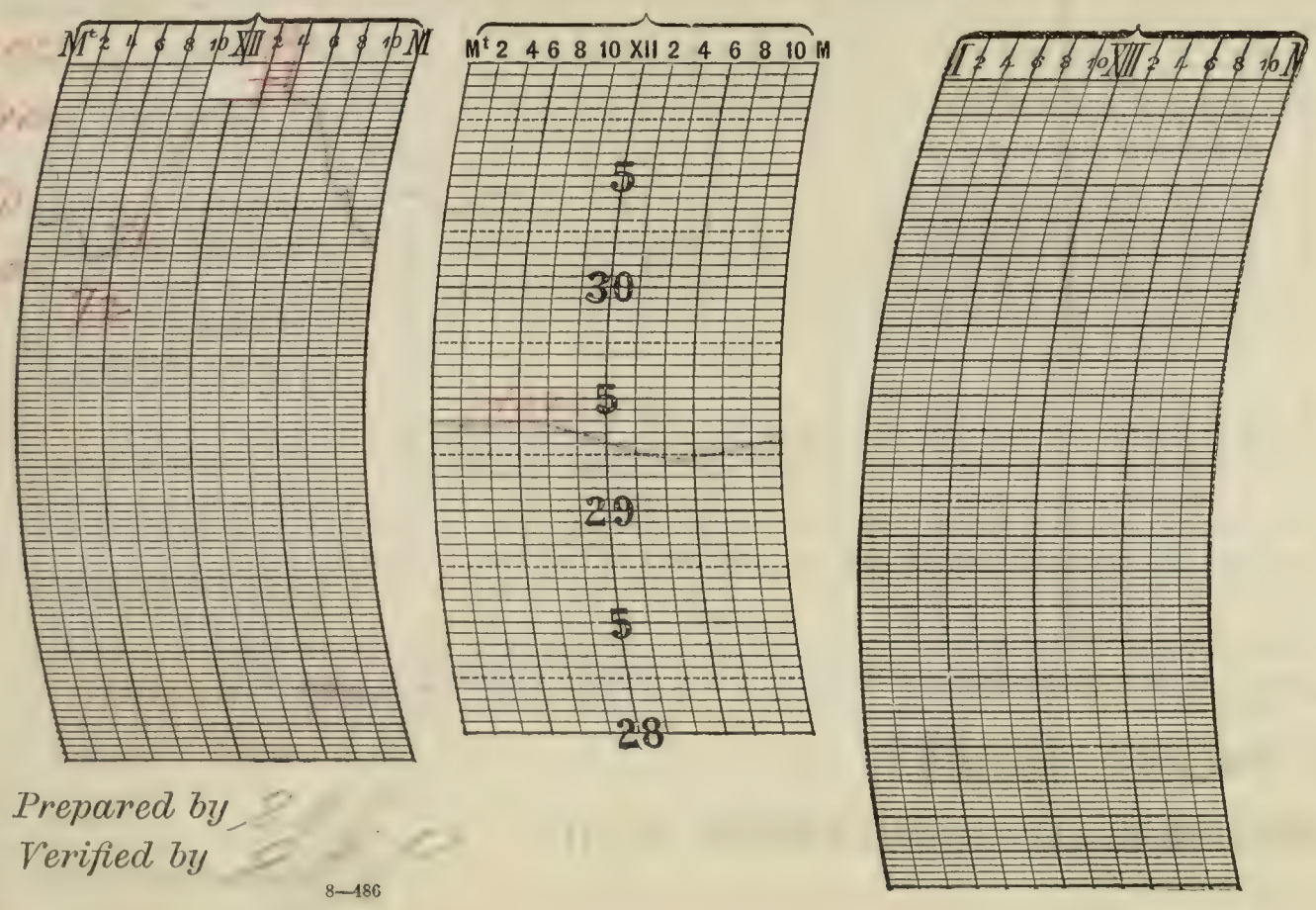
Maximum velocity,	Direction,	Time.
24	SW	3:25 pm

Relative humidity, 71 a. m. ____ p. m.

Reduced barometer, 29.98 a. m. ____ p. m.

River gage, 14.4 Stationary

NOTES.



Prepared by ____

Verified by ____

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) LA SALLE, (Day of week) Monday, (Date) JUN 5 1911, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	72	71	69	67	67	70	73	78	85	89	92	94
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions						Clear						
Sunshine (in tenths of hours)					0	0	0.9	1.0	1.0	1.0	1.0	1.0
Wind direction	NW	NW	NE	NE	NE	NE	NE	S	S	S	S	S
Wind movement	3		3	4	1	1						
Maximum velocities (exceeding 25 miles)												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	94	95	95	95	95	94	91	87	84	81		
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions												
Sunshine (in tenths of hours)	1.0	1.0	1.0	0.9	0.5	0	0	0				
Wind direction	SW	S	SW	W	NW	W	W	W	W	W	W	W
Wind movement	6	3	6	8	6	2	4	6	3	1	2	3
Maximum velocities (exceeding 25 miles)												

Sunrise: Time, 4:24; Character, Clear

Sunset: Time, 7:24; Character,

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
95	67	77	67

Total depth of snow for 24 hours ending 7 p. m., ___ inches

Snow on ground 7 p. m., ___ inches.

Total snowfall, midnight to midnight, ___ inches

Precipitation to 7 a. m., 0 ins.; to 7 p. m., ___ ins.

Total precipitation, midnight to midnight, ___ inches

Character of day: PLEASANT Moon phase, ___

Actual sunshine, hours, 12.0

Possible sunshine, hours, 15.0

Percentage of possible sunshine, 80

Prevailing direction West

Total movement, 90

Average hourly velocity, 3.8

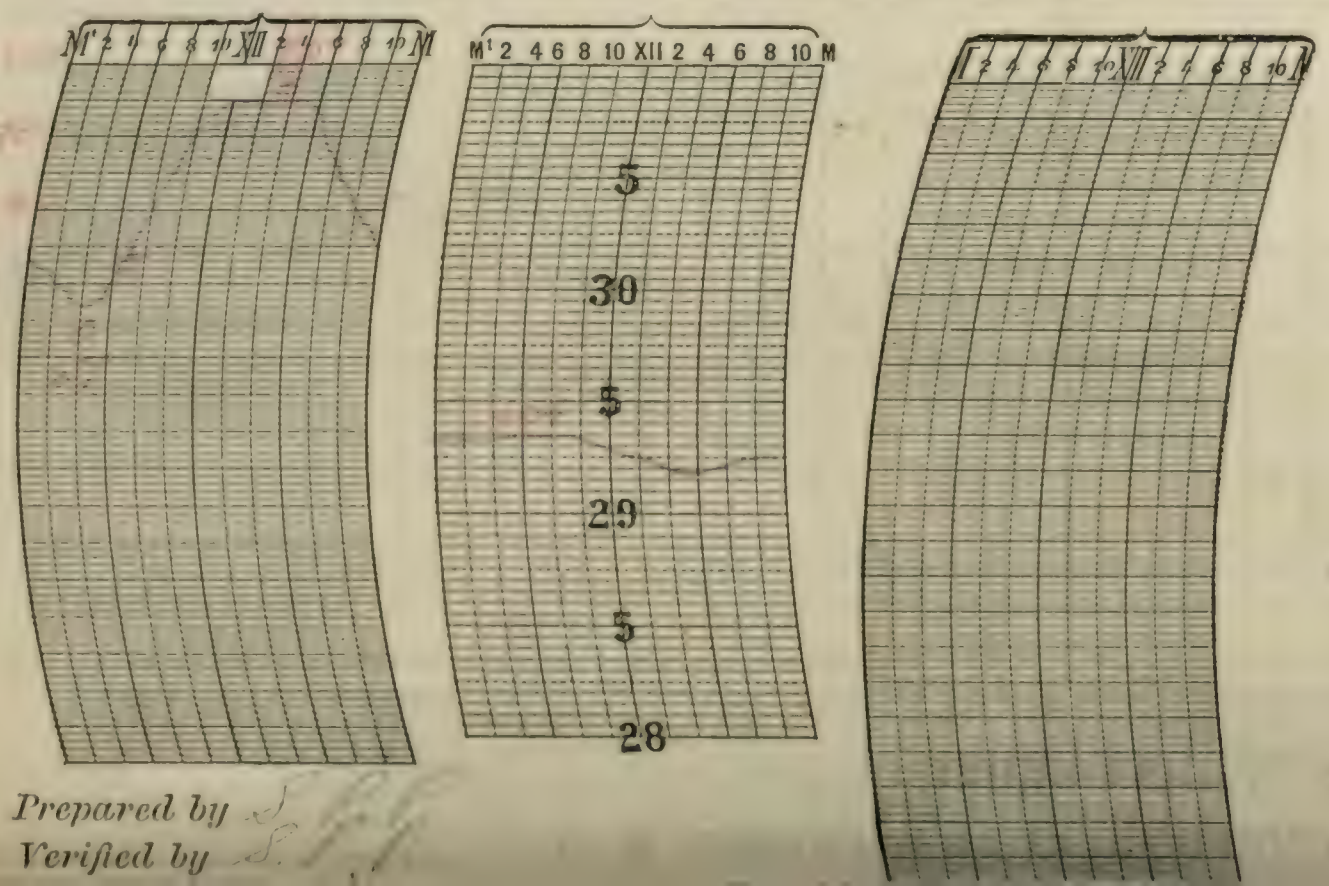
Maximum velocity,	Direction,	Time.
12	SW	

Relative humidity, 50 a. m. ___ p. m.

Reduced barometer, 28.95 a. m. ___ p. m.

River gage, 19.1 Ice Gorg

NOTES.



Prepared by

Verified by

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Tuesday, (Date) JUN 6 1911, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	75	71	69	70	71	72	68	66	64	66	75	79
						RB 5:20				RE 9:30		
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation						.05	.03	.02				
Cloudiness and other conditions						Cloudy					RC	
Sunrise: Time, 4:24 Character,												
Sunshine (in tenths of hours)					0	0	0	0	0	0.2	1.0	1.0
Wind direction	S	SW	SW	SW	SW	SW	NE	E	N	NE	NE	S
Wind movement	2	3	4	4	8	3	7	7	6	11	10	5
Maximum velocities (exceeding 25 miles)												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	78	79	78	80	80	80	78	74	72	71	67	66
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Cloudy											
Sunset: Time, 7:35 Character,												
Sunshine (in tenths of hours)	1.0	0.7	0.7	0.8	1.0	1.0	0.4	0				
Wind direction	SW	W	NE	N	N	N	NW	NW	N	N	N	N
Wind movement	12	8	6	10	10	7	4	2	3	4	6	5
Maximum velocities (exceeding 25 miles)												

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
[illegible]	[illegible]	[illegible]	68

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .08 ins.; to 7 p. m., .13 ins.

Total precipitation, midnight to midnight, .21 inches.

Character of day, PC Cdy PD Moon phase,

Actual sunshine, hours, 8.8

Possible sunshine, hours, 15.0

Percentage of possible sunshine, 59

Prevailing direction North

Total movement, 147

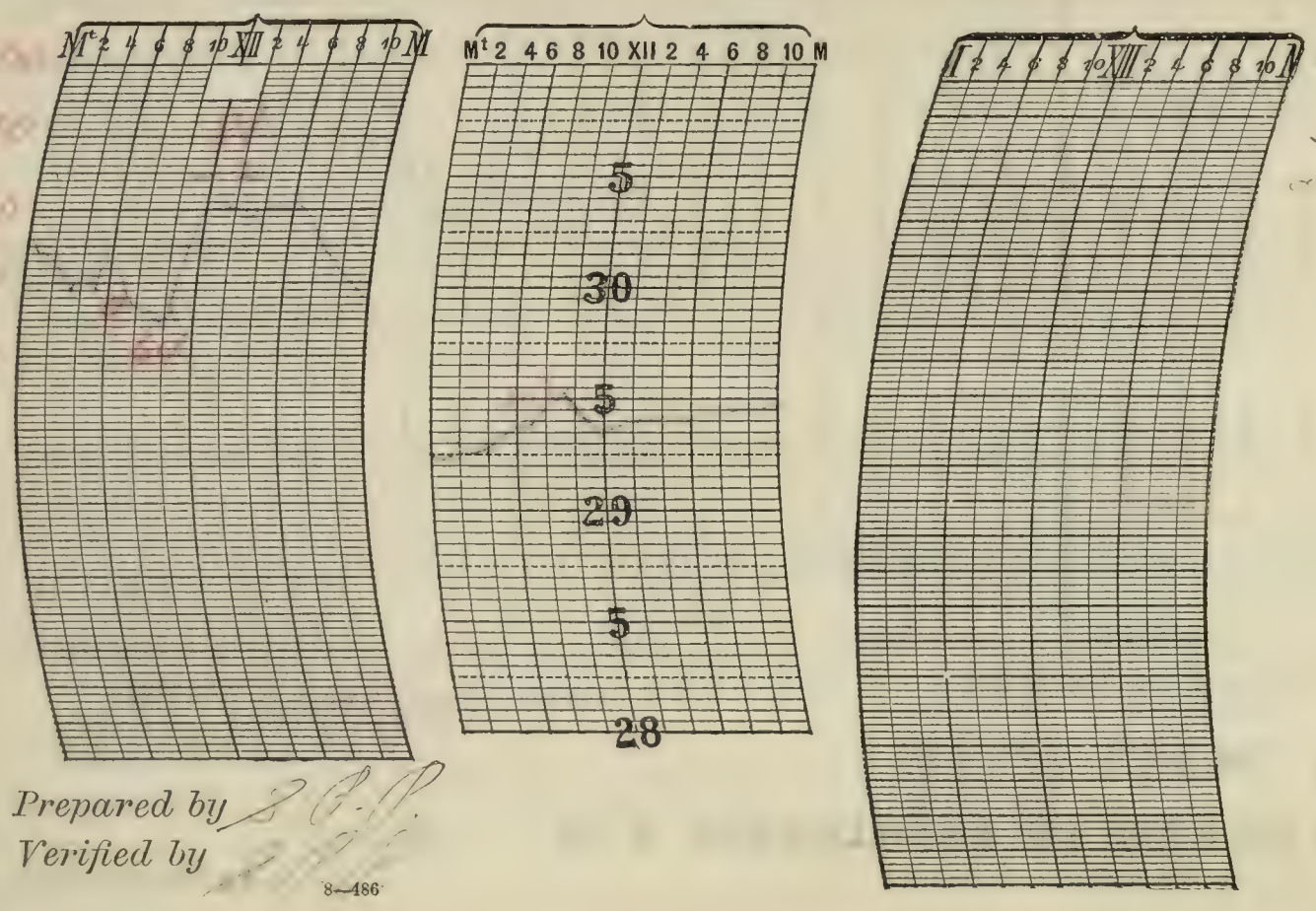
Average hourly velocity, 6.1

Maximum velocity,	Direction,	Time.
16	SW	12:45 p. m.

Relative humidity, 78 a. m. ____ p. m.

Reduced barometer, 30.00 a. m. ____ p. m.

River gage, 14.0 Falling



NOTES.

Thunderstorm: first thunder heard at 5:00 am; last heard at 9:02 am; storm came from southwest

Prepared by [illegible]

Verified by [illegible]

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Wednesday, (Date) JUN 7 1911, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	64	61	61	60	58	62	64	62	64	69	73	76
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					Clear		Cloudy		Pt Cldy			
Sunrise: Time, 4:24; Character, Clear												
Sunshine (in tenths of hours)					0	0	0.6	0.4	0	0.6	0.9	0.9
Wind direction	N	N	N	N	N	N	NE	NE	NE	E	NE	E
Wind movement	2	1	1	2	2	2	5	8	8	4	5	4
Maximum velocities (exceeding 25 miles)												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	77	79	80	79	79	78	75	71	67	63	62	60
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions		Clear										
Sunset: Time, 7:25; Character, Clear												
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	1.0	1.0	0.4	0				
Wind direction	E	NE	NE	NE	NE	E	E	E	E	E	E	NE
Wind movement	6	7	8	9	10	11	7	8	8	5	5	3

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
77	57	69	67

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, inches.

Character of day, Clear (3) Moon phase,

Actual sunshine, hours, 12.5

Possible sunshine, hours, 15.6

Percentage of possible sunshine, 80

Prevailing direction Northeast & East

Total movement, 189

Average hourly velocity, 5.8

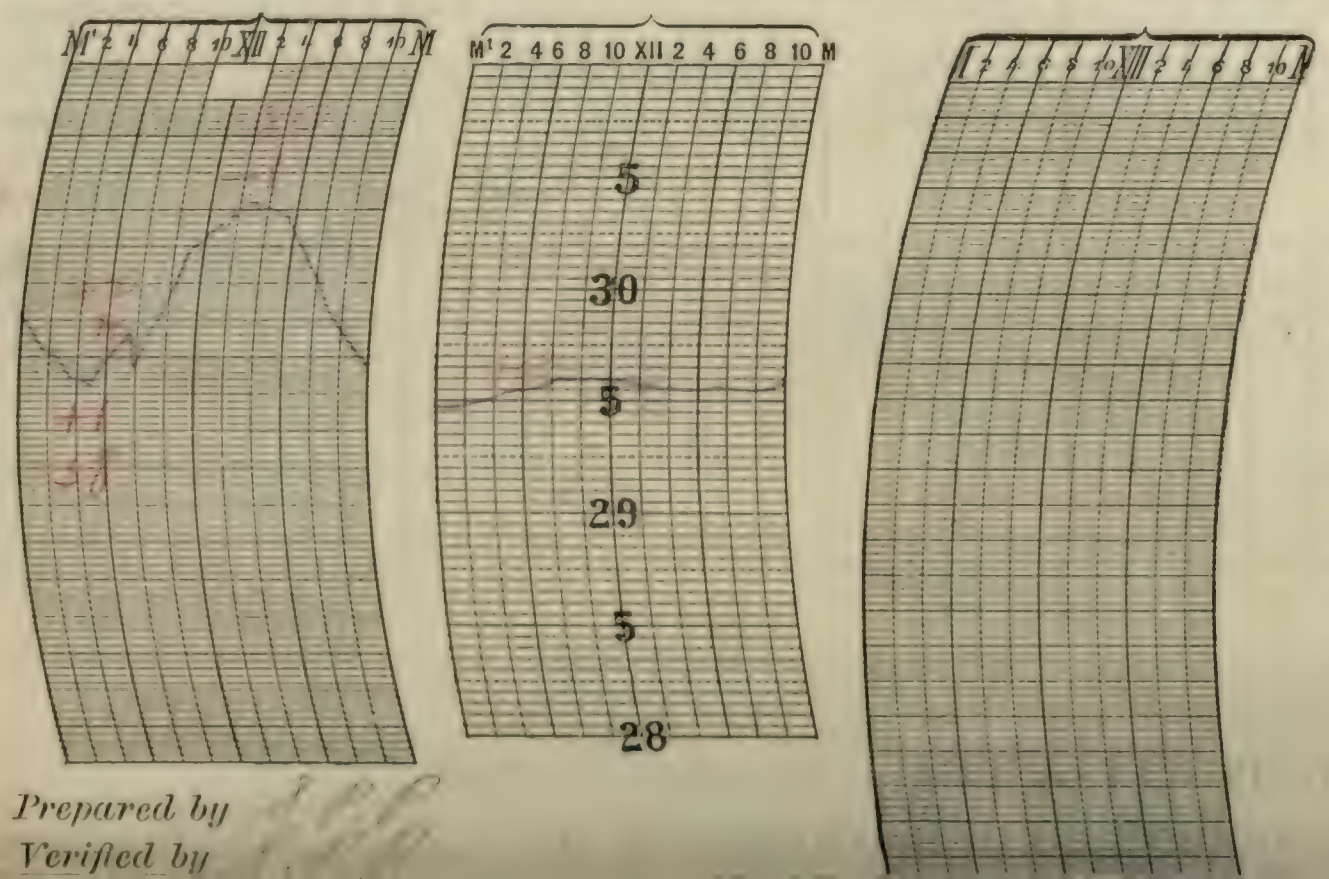
Maximum velocity,	Direction,	Time,
13	E	4:30 p. m.

Relative humidity, 54 a. m. p. m.

Reduced barometer, 30.16 a. m. p. m.

River gage, 18.0 stationary

NOTES.



Prepared by

Verified by

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Thursday, (Date) JUN 8 1911, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	57	56	56	54	54	56	62	67	72	76	77	[illegible]	79	81	81	84	86	84	81	77	77	74	72	70
State of weather: Nature of precipitation and time of beginning and ending												RG 11:50	RE 12:10											
Amounts of precipitation												T	T											
Cloudiness and other conditions								Clear								x								
Sunshine (in tenths of hours)					.60 0	0	.4 x 0.2	1.0	1.0	1.0	1.0	0.1	0	0.3	0.1	0.7	1.0	1.0	1.0 0	.43 0				
Wind direction	NE	NE	NE	NE	NE	E	E	SE	S	SE	SE	SE	SE	SE	SE	SE	SE	S	S	S	SE	SE	SE	SE
Wind movement	1	2	2	4	5	5	5	5	5	6	4	6	6	6	8	7	9	10	7	5	6	6	5	5
Maximum velocities (exceeding 25 miles)																								

State of weather: Sunrise: Time, 4:24; Character, Clear. Sunset: Time, 7:26; Character, Clear.

Excessive precipitation, accumulated amounts

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
84	[illegible]	[illegible]	66

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Pt Cldy (P) Moon phase,

Actual sunshine, hours, 11.2

Possible sunshine, hours, 15.0

Percentage of possible sunshine, 75

Prevailing direction, Southeast

Total movement, 130

Average hourly velocity, 5.4

Maximum velocity,	Direction,	Time.
12	S	5:10 pm

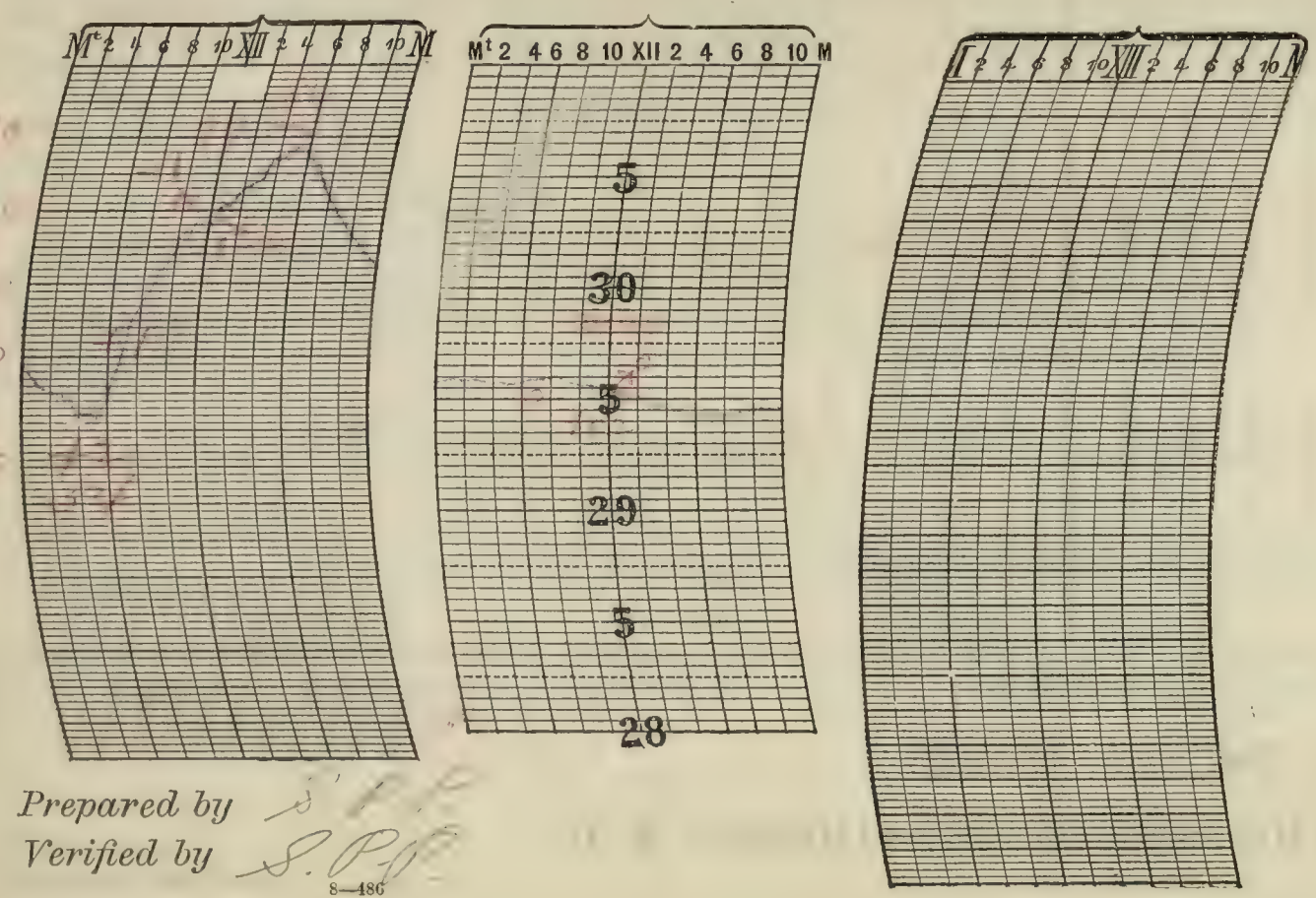
Relative humidity, 86 a. m. p. m.

Reduced barometer, 30.16 a. m. p. m.

River gage, 13.8 Falling

x Sun shining through clouds.

NOTES.



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Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) LASALLE ILL, (Day of week) Friday, (Date) JUN 1911, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	68	67	67	68	69	72	75	82	86	92	97	97	98	98	100	100	99	96	93	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						Clear																		
Sunshine (in tenths of hours)					0	0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.3	0				
Wind direction	S	S	S	S	S	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	4	4	4	6	5	7	9	12	12	[illegible]	[illegible]	10	10	11	10	11	10	9	7	8	11	8	8	7
Maximum velocities (exceeding 25 miles)																								

Sunrise: Time, 4:23; Character, Clear

Sunset: Time, 7:27; Character, Clear

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum.	Minimum.	Mean.	Normal.
[illegible]	[illegible]	[illegible]	68

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, ... inches.

Character of day, Clear Moon phase, ...

Actual sunshine, hours, 15.0

Possible sunshine, hours, 15.1

Percentage of possible sunshine, 99

Prevailing direction, Southwest

Total movement, 250

Average hourly velocity, 8.3

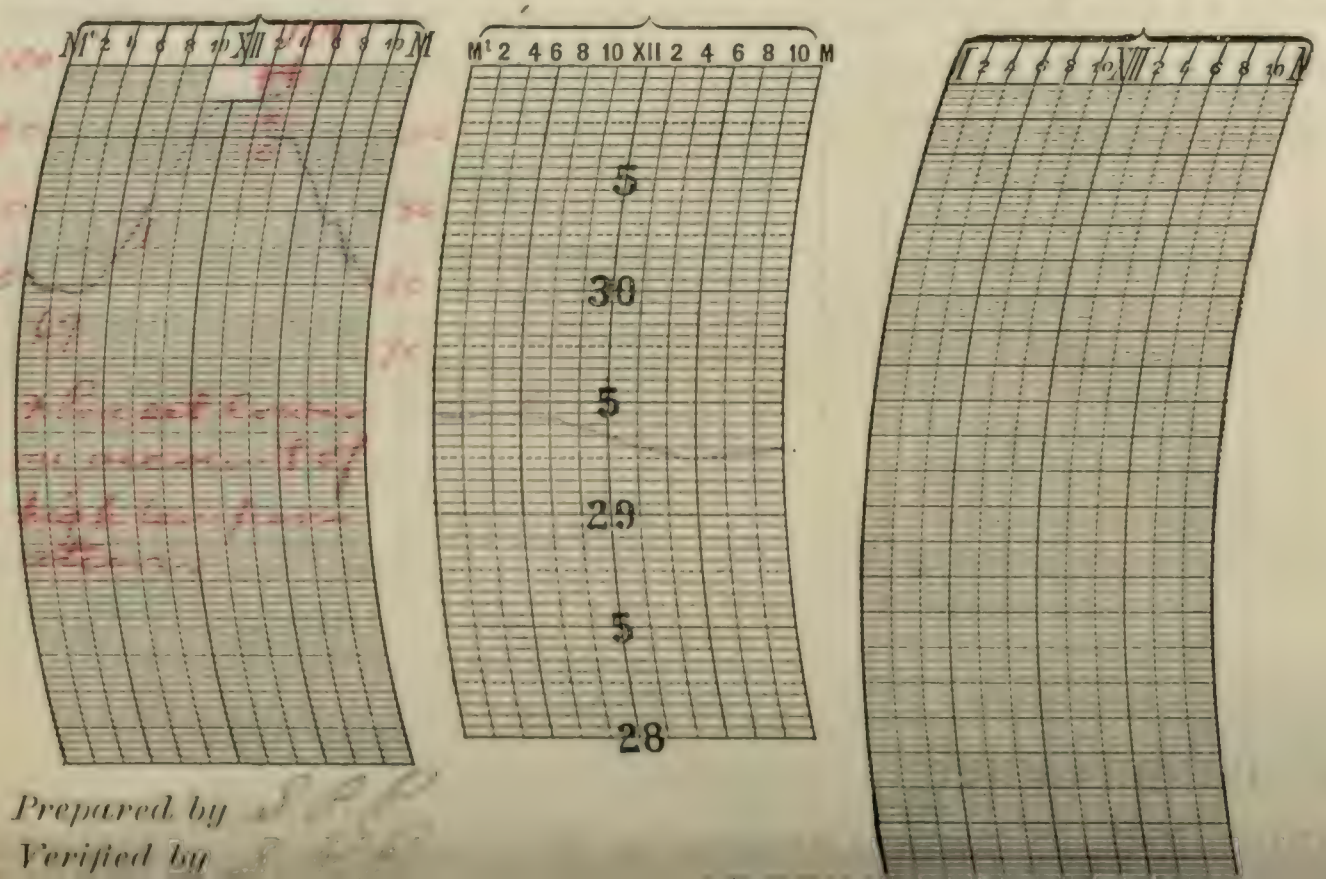
Maximum velocity,	Direction,	Time.
15	SW	

Relative humidity, 66 a. m. ..... p. m.

Reduced barometer, 30.00 a. m. ..... p. m.

River gage, [illegible] Fall

NOTES.



Prepared by [illegible]

Verified by [illegible]

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Saturday, (Date) JUN 10 1911, 191

Time (local standard), 90 mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	78	75	76	77	77	77	80	83	82	85	92	95
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					Partly						Clear	
Sunrise: Time, 4:23 Character, Clear												
Sunshine (in tenths of hours)					.62 0	1.0 0	1.2 0.8	1.0	0.9	0.9	1.0	1.0
Wind direction	SW	SW	SW	W	W	SW	SW	SW	SW	SW	SW	SW
Wind movement	7	5	5	7	7	8	11	14	11	10	13	15
Maximum velocities (exceeding 25 miles)												

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	97	98	98	95	97	78	80	77				
State of weather: Nature of precipitation and time of beginning and ending							RB 6:10 RE 6:20			RB	RK	
Amounts of precipitation							T					.03
Cloudiness and other conditions					Clear					Cloudy		
Sunset: Time, 7:27 Character, Cloudy												
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	0.6	0	0	0				
Wind direction	SW	SW	SW	SW	SW	NW	NW	E	E	E	E	SW
Wind movement	18	20	18	21	18	16	4	3	3	2	3	19
Maximum velocities (exceeding 25 miles)				3:38 SW 25								

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
98	74	86	69

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, .03 inches.

Character of day, Partly Cl. Moon phase,

Actual sunshine, hours, 12.0

Possible sunshine, hours, 15.1

Percentage of possible sunshine, 79

Prevailing direction, Southwest

Total movement, 258

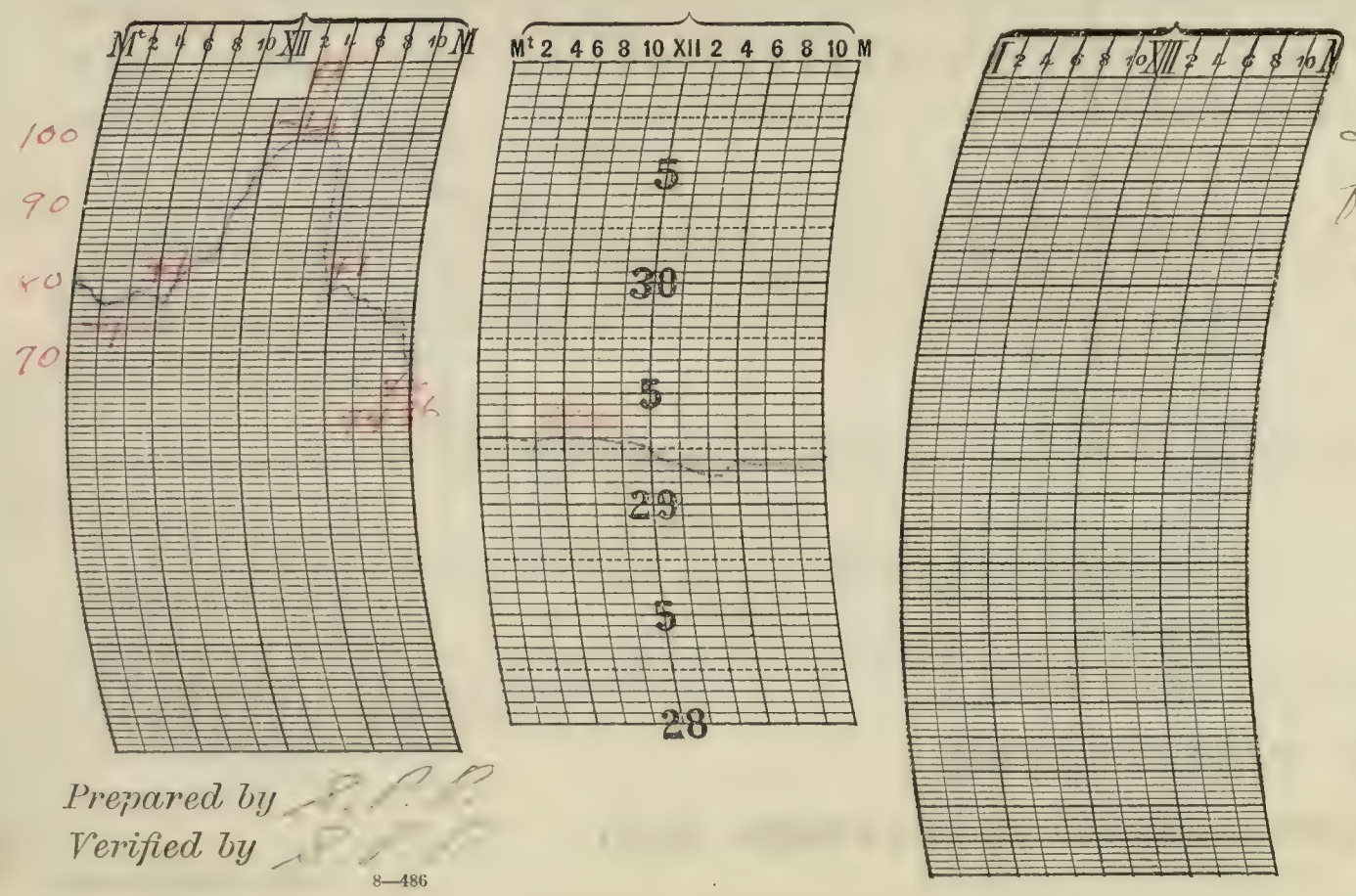
Average hourly velocity, 10.8

Maximum velocity,	Direction,	Time.
25	SW	3:38 p.

Relative humidity, 54 a. m. p. m.

Reduced barometer, 29.87 a. m. p. m.

River gage, 13.6 falling



Prepared by

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8—486

NOTES.

Thunderstorm. First heard 2.11 p. continued into next day. Came from Southwest.

Rainbow observed at 6 p. m.

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Sunday, (Date) [illegible] 11 1911, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	74	73	71	71	70	69	72	73	76	77	79	81
Nature of precipitation and time of beginning and ending	RE	RE	RE	RE								RB 11:45 RE 11:50
Amounts of precipitation	.13	.02	.09									T
Cloudiness and other conditions	Cloudy						Pt Cldy					Cldy
Sunrise: Time, Character,	4:43 Cloudy											
Sunshine (in tenths of hours)					0	0	0.6	0.8	1.0	1.0	1.0	0.8
Wind direction	SW	W	W	SW	W	W	W	NW	NW	W	W	W
Wind movement	22	16	12	8	6	9	12	10	12	13	14	14
Maximum velocities (exceeding 25 miles)	2:15 SW 33											

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	79	82	82	82	83	81	80	80	80	80	81	81
Nature of precipitation and time of beginning and ending						RB 5:43	RE 6:10	RB 7:05 RE 7:30				
Amounts of precipitation						T	T	T				
Cloudiness and other conditions	Pt Cldy		Pt Cldy		Cloudy							
Sunset: Time, Character,									7:28 Cloudy			
Sunshine (in tenths of hours)	0.5	1.0	1.0	1.0	0.6	0	0	0				
Wind direction	W	W	W	W	W	W	NW	N	NW	SW	W	W
Wind movement	14	17	14	13	12	13	16	4	5			

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

	Maximum.	Minimum.	Mean.	Normal.
	[illegible]	[illegible]	[illegible]	69

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., [illegible] inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m. [illegible] hrs. to 7 p. m. [illegible] hrs.

Total precipitation, midnight to midnight, .24 inches.

Character of day, Pt Cldy Moon phase, [illegible]

Actual sunshine, hours, 9.2

Possible sunshine, hours, 15.1

Percentage of possible sunshine, 62

Prevailing direction, West

Total movement, 283

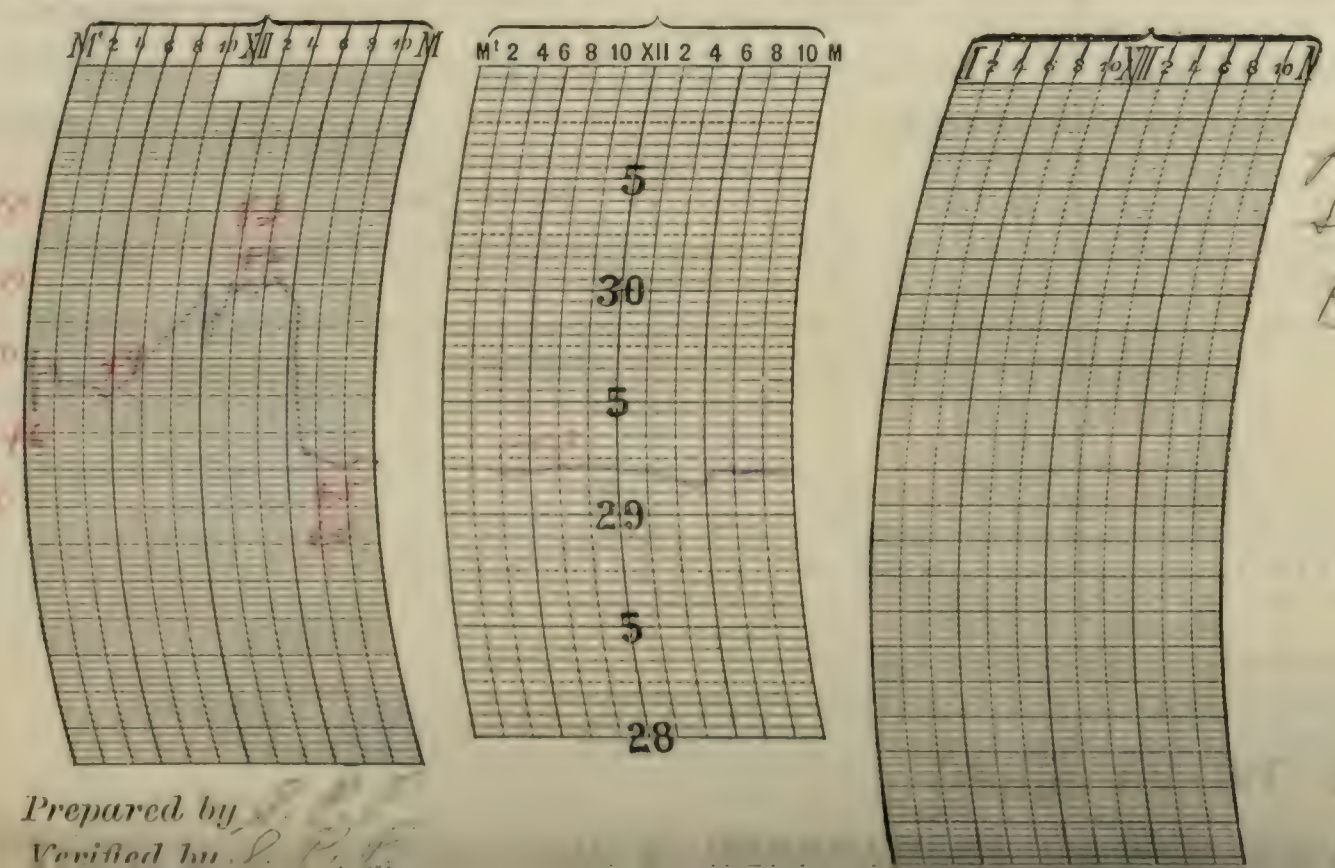
Average hourly velocity, [illegible]

Maximum velocity,	Direction,	Time.
33	SW	[illegible]

Relative humidity, 82 a. m. ____ p. m.

Reduced barometer, 29.99 a. m. ____ p. m.

River gage, 13.6 Stationary



NOTES.

Thunderstorm. First thunder heard preceding day; last thunder heard H. a. Storm came from southwest. Rainbow observed at 6 p. m.

Prepared by [illegible]

Verified by [illegible]

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Monday, (Date) JAN 1 1911, 191

Time (local standard), 90 mer.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	60	63	62	61	60	60	61	62	65	65	66	70	71	70	67	71	70	66	67	66	66	66	65	64
State of weather: Nature of precipitation and time of beginning and ending														RB 1:45	RS 2:10			RB 5:05 RE 5:13						
State of weather: Amounts of precipitation														T	T			T						
State of weather: Cloudiness and other conditions						Partly cloudy																		
Sunshine (in tenths of hours)					0	0	0.6	0.4	0.6	0.4	0.6	0.5	0.5	0.3	0.3	0.1	0.2	0	0	0				
Wind direction	W	W	W	W	W	W	W	W	W	W	W	NW	NW	W	W	W	NW	NW	NW	NW	NW	NW	NW	W
Wind movement	9	8	9	8	7	9	12	11	12	12	11	12	14	14	15	15	15	13	10	8	6			

Sunrise: Time, 4:13 Character, Cloudy

Sunset: Time, 7:28 Character, Cloudy

Maximum velocities (exceeding 45 miles)

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
72	60	66	69

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, inches.

Precipitation to 7 a. m., T ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Cloudy Moon phase,

Actual sunshine, hours, 4.5

Possible sunshine, hours, 15.1

Percentage of possible sunshine, 30

Prevailing direction, West

Total movement, 244

Average hourly velocity, 10.2

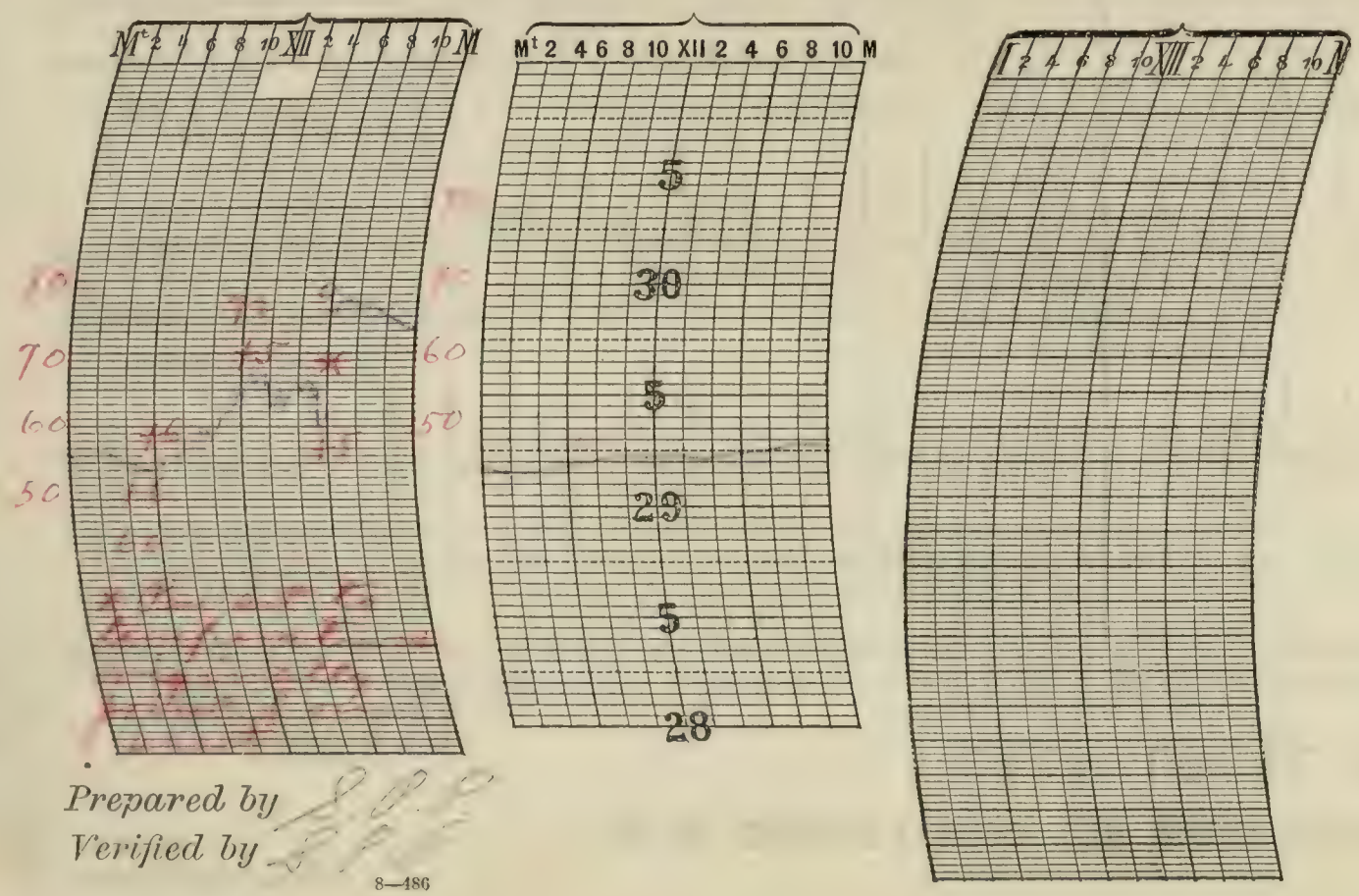
Maximum velocity,	Direction,	Time.
22	NW	2:38 pm

Relative humidity, 81 a. m. p. m.

Reduced barometer, 29.75 a. m. p. m.

River gage, 13.7 Rising

NOTES.



Prepared by

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8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE ILL, (Day of week) Tuesday, (Date) JUN 1 1911, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	64	62	62	61	60	62	66	70	72	75	76	77
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					← Clear					×	Pt Cldy	
Sunrise: Time, 4:43 Character, Clear												
Sunshine (in tenths of hours)					0	0.1	1.0	1.0	1.0	1.0	1.0	1.0
Wind direction	W	W	W	W	W	NW	NW	NW	NW	N	NW	NW
Wind movement	5	5	5	5	5	6	7	7	8	5		12
Maximum 25 velocities (exceeding miles)												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	78	77	77	77	78	78	77	72	69	66	64	60
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions									→			
Sunset: Time, 7:29 Character, Clear												
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	0.8	0.4	0.4 0.4	0.8				
Wind direction	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW
Wind movement	12	11	10	7	10	7	6	3	3	2	2	2
Maximum velocities (exceeding miles)												

Excessive precipitation, accumulated amounts	Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
[illegible]	[illegible]	70	70

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Pt Cldy (4) Moon phase,

Actual sunshine, hours, 14.1

Possible sunshine, hours, 15.1

Percentage of possible sunshine, 93

Prevailing direction, Northwest

Total movement, [illegible]

Average hourly velocity, 6.7

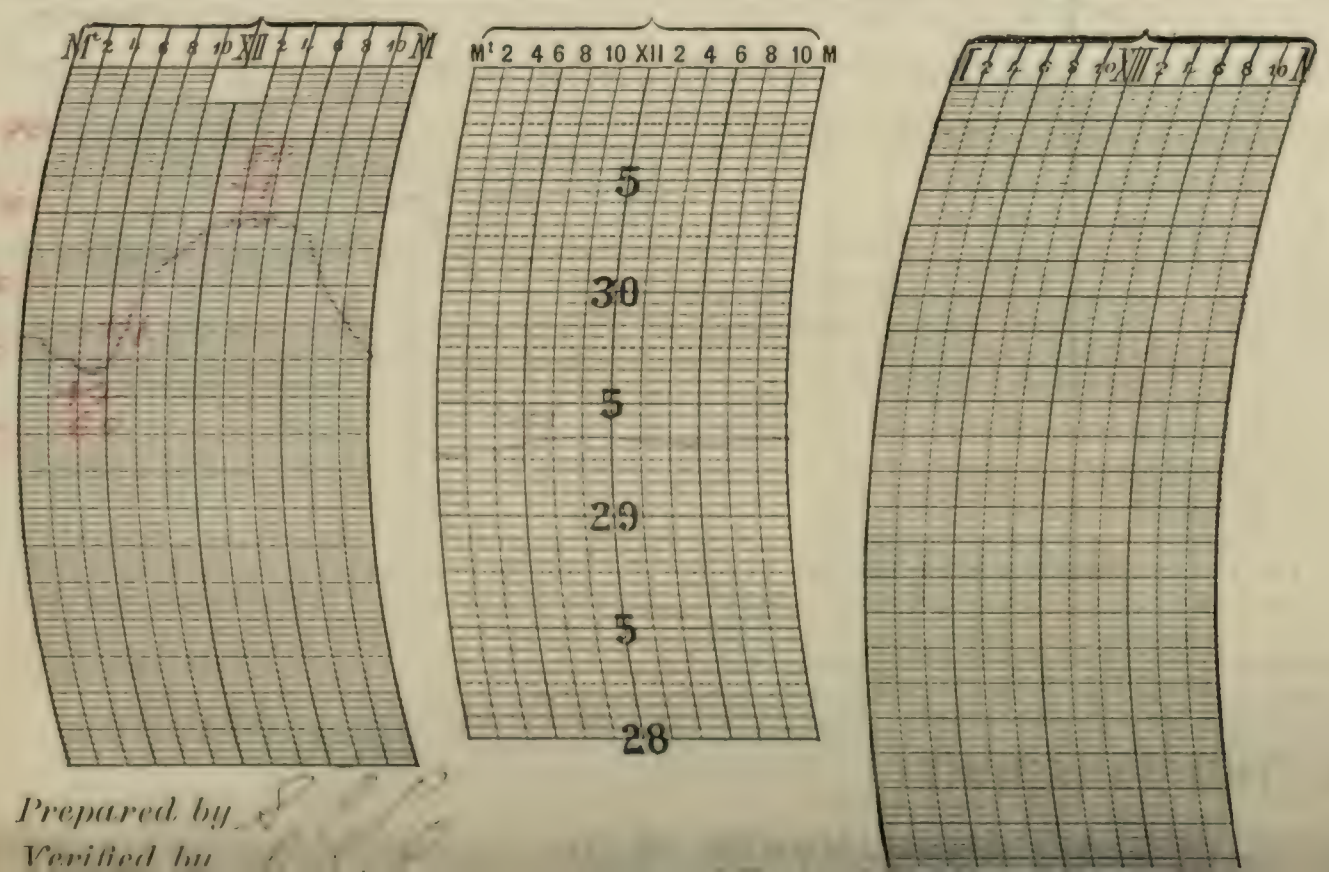
Maximum velocity,	Direction,	Time
16	NW	12:55 p.m.

Relative humidity, 74 a. m. p. m.

Reduced barometer, 29.84 a. m. p. m.

River gage, 13.7 [illegible]

NOTES.



Prepared by

Verified by

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE ILL., (Day of week) Wednesday, (Date) JUN 14 1911, 191

Time (local standard), 90 mer.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	61	60	60	60	59	60	63	68	72	76	76	77	75	79	80	80	79	80	76	72	67	66		
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					+ Partly					× Clear														
Sunrise: Time, 4:23 Character, Cloudy																					Sunset: Time, 7:39 Character, Clear			
Sunshine (in tenths of hours)					0	0	0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	0.9	1.0	1.0	1.0	0.7 0.3	.48 0				
Wind direction	NW	NW	NW	NW	NW	NW	N	N	N	NW	N	N	N	NW	N	N	N	N	E	E	E	E	E	E
Wind movement	2	1	2	3	1	4	4	4	7	10	10	12	12	12	10	9	8	7	6	4	3	4	2	1
Maximum velocities (exceeding 25 miles)																								

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
[illegible]	[illegible]	[illegible]	[illegible]

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear (3) Moon phase,

Actual sunshine, hours, 12.3

Possible sunshine, hours, 15.1

Percentage of possible sunshine, 81

Prevailing direction Northwest

Total movement, 138

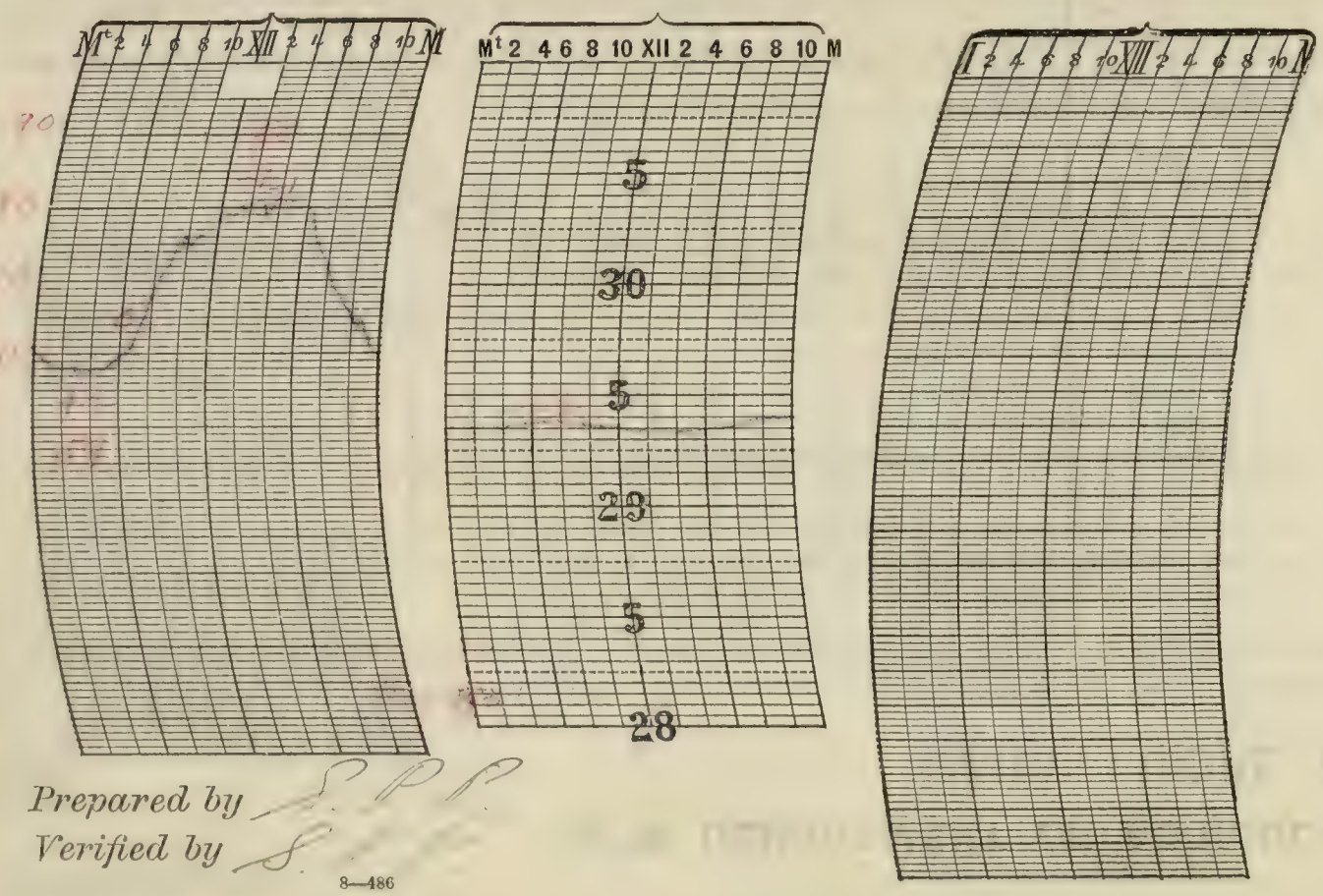
Average hourly velocity, 5.8

Maximum velocity,	Direction,	Time.
15	NW	1:15 p.m.

Relative humidity, 79 a. m. p. m.

Reduced barometer, 29.92 a. m. p. m.

River gage, 13.6 Falling



NOTES.

Prepared by S. P. P.

Verified by S.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Thursday, (Date) JUN 15 1911, 191

Time (local standard), 90 mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	61	59	57	55	54	54	60	68	[illegible]	[illegible]	[illegible]	[illegible]
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					* Clear			* Partly Cdy				
Sunrise: Time, Character	4:43 Clear											
Sunshine (in tenths of hours)					0	0	1.0 ×	1.0	1.0	1.0	1.0	1.0
Wind direction	SW	SW	0	SW	SW	0	SW	SW	SW	SW	SW	SW
Wind movement	2	1	0	1	1	0	3	6	8	8	7	8
Maximum velocities (exceeding 25 miles)												

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	82	83	84	85	85	84	80	77	74	73	72	72
State of weather: Nature of precipitation and time of beginning and ending										RB	RB	RB
Amounts of precipitation												.01
Cloudiness and other conditions			* Clear					* Cloudy				
Sunset: Time, Character									7:29 Clear			
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	1.0	0.3	0.5 0	0				
Wind direction	SW	SW	SW	SW	S	S	SE	SE	SE	S	S	S
Wind movement	6	7	7	5	4	3	2	4	3	6	6	2

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
85	54		70

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, .01 inches.

Character of day, Clear (3) Moon phase,

Actual sunshine, hours, 13.9

Possible sunshine, hours, 15.1

Percentage of possible sunshine, 92

Prevailing direction, Southeast

Total movement, 100

Average hourly velocity, 4.2

Maximum velocity.	Direction.	Time.
13	SW	11:55 am

Relative humidity, 76 a. m. p. m.

Reduced barometer, 30.01 a. m. p. m.

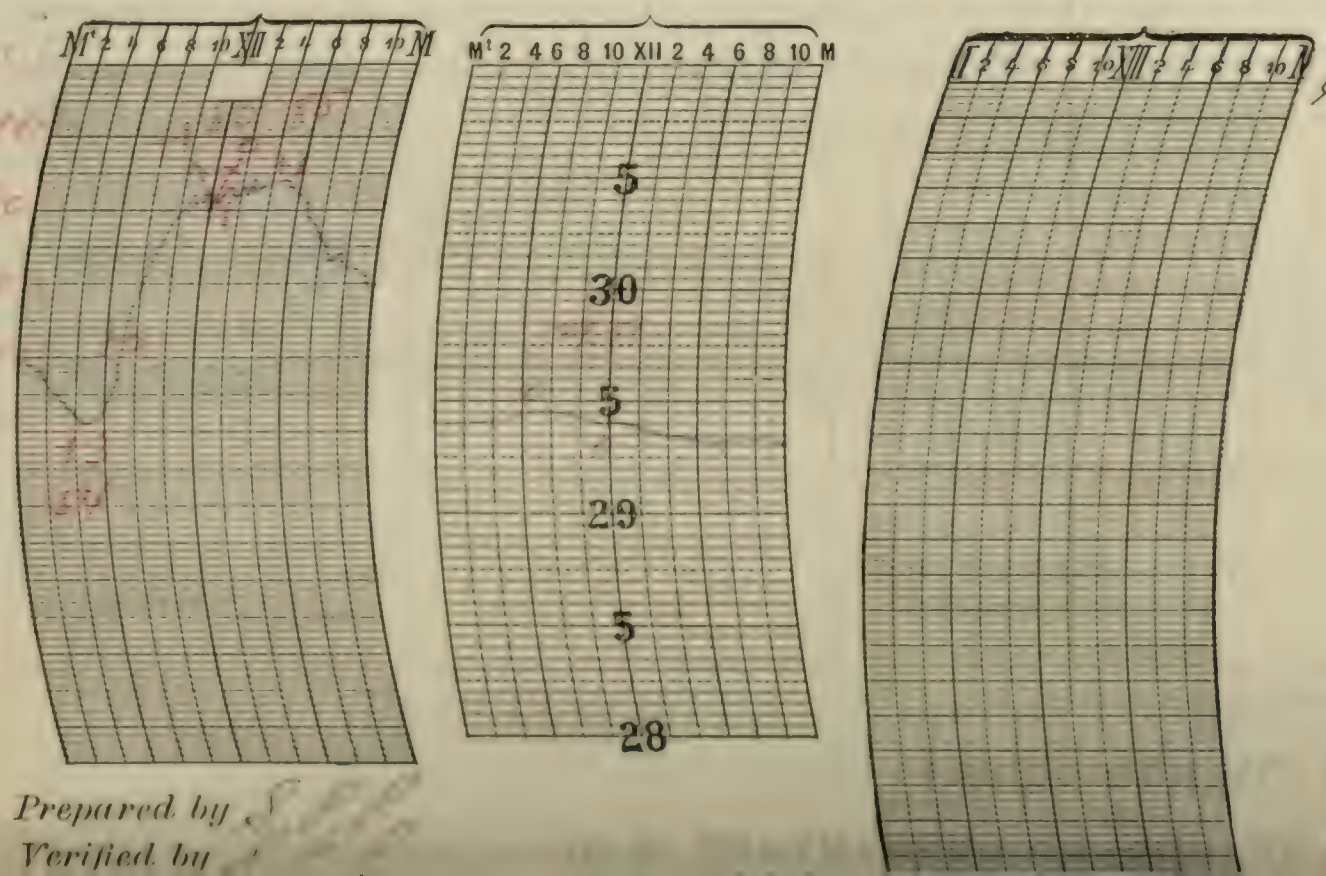
River gage, 13.4

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

NOTES.

* Sun shining through haze

Ø Hills, foliated. Bottom of [illegible]



Prepared by

Verified by

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE ILL, (Day of week) Friday, (Date) JUN 16 1911, 191

Time (local standard), 90 mer.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	71	71	69	68	68	68	70	73	75	76	76	79	82	79	81	83	82	79	78	75	73	71	67	66
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						← Cloudy																		→
Sunrise: Time, 4:23 Character, Clear																					Sunset: Time, 7:30 Character, Cloudy			
Sunshine (in tenths of hours)					.62 0	1.0 0	0	0	0.3	0	0	0.7	0.7	1.0	1.0	0.9	0.4	0.2	0	0				
Wind direction	S	S	SW	S	S	SE	SE	SE	SE	SE	E	E	E	E	E	E	E	E	E	E	E	E	E	NE
Wind movement	3	1	2	2	4	5	5	6	6	6	7	8	10	16	15	14	13	14	10	9	12	11	12	15
Maximum velocities (exceeding NS miles)																								

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
83	66	74	75

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, inches.

Precipitation to 7 a. m., .01 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Cloudy (9) Moon phase,

Actual sunshine, hours, 6.8

Possible sunshine, hours, 15.1

Percentage of possible sunshine, 45

Prevailing direction East

Total movement, 206

Average hourly velocity, 8.6

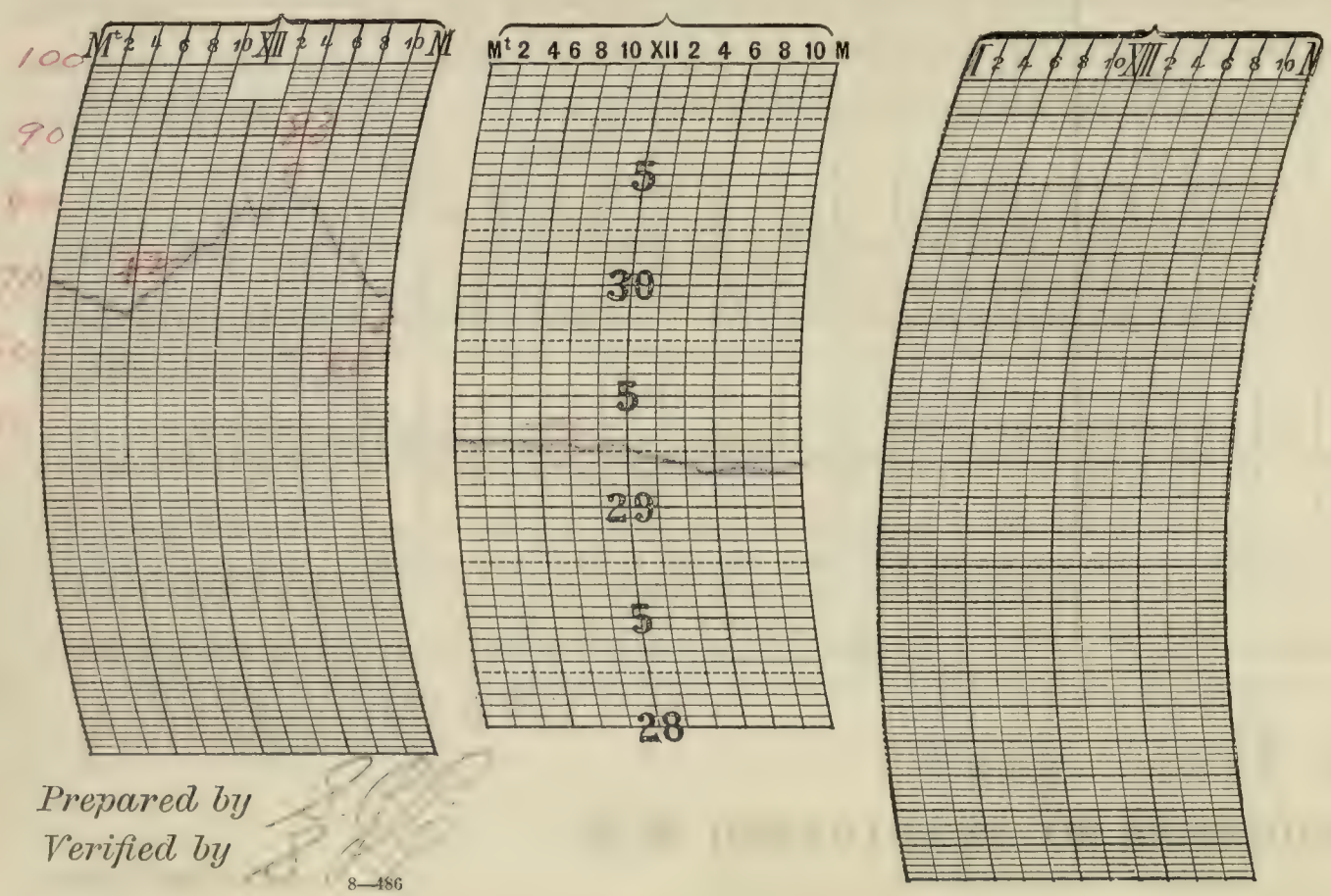
Maximum velocity,	Direction,	Time.
20	NE	11:05 p.m.

Relative humidity, 51 a. m. p. m.

Reduced barometer, 29.83 a. m. p. m.

River gage, 13.5 rise

NOTES.



Prepared by

Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Saturday, (Date) JUN 17 1911, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	64	64	64	65	65	66	67	69	69	71	71	72
State of weather: Nature of precipitation and time of beginning and ending	RB D Ka RE D Ka									RB 7:30 RE 7:37		
Amounts of precipitation	.02		.01	.01						T		
Cloudiness and other conditions					Clear					Cloudy		
Sunrise: Time, Character,	4:43 Clear											
Sunshine (in tenths of hours)					0	0	0	0.3	0.2	0	0.3	0.2
Wind direction	NE	NE	E	E	E	E	E	E	E	NE	NE	NE
Wind movement	16	15	13	13	13	8	11	12	8	8	12	5
Maximum velocities (exceeding 75 miles)												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	72	74	72	71	69	67	66	67	66	65	64	63
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions												
Sunset: Time, Character,									7:30 Clear			
Sunshine (in tenths of hours)	0.3	0.5	0.4	0	0	0	0	0				
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE
Wind movement	15	16	17	16	16	13	12	11	12	15	14	13
Maximum velocities (exceeding 75 miles)												

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

	Maximum.	Minimum.	Mean.	Normal.
	74	63	68	71

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .04 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, .04 inches.

Character of day, Cloudy; Moon phase,

Actual sunshine, hours, 4.9

Possible sunshine, hours, 13.7

Percentage of possible sunshine, 36

Prevailing direction, Northeast

Total movement, 208

Average hourly velocity, 13.2

Maximum velocity,	Direction,	Time
22	NE	8:12 p.

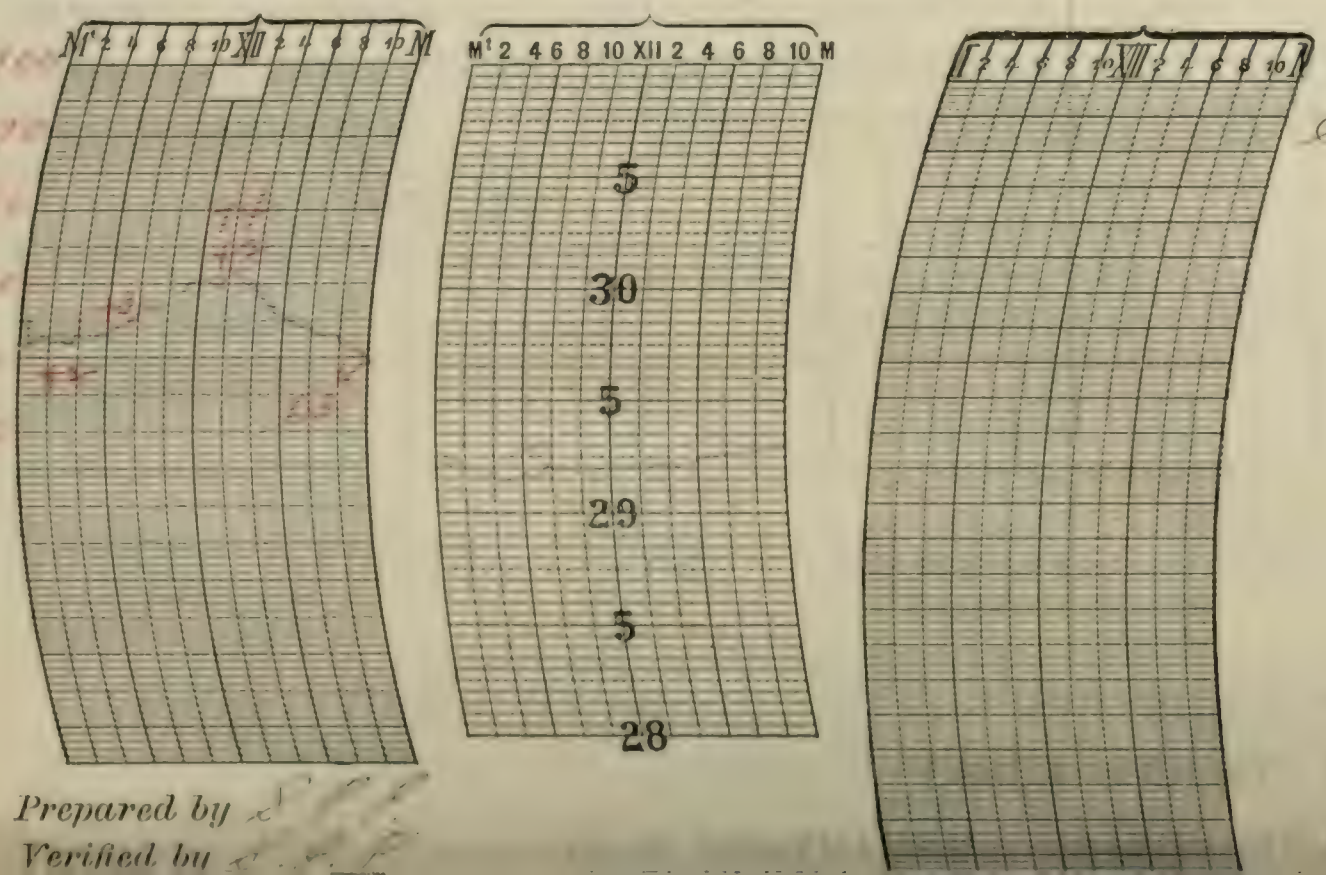
Relative humidity, 80 a. m. p. m.

Reduced barometer, 29.11 a. m. p. m.

River gage, 0.8 feet

NOTES.

Thunderstorm: first heard D Ka; last heard D Ka; came from northeast



Prepared by

Verified by

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Sunday, (Date) JUN 18 1911, 191

Time (local standard), 90 mer.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	62	62	62	63	62	62	64	70	73	76	78	80	80	82	82	81	81	79	76	71	68	66	64	62
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						←					Clear										→			
	Sunrise: Time, 4:23; Character, Clear																				Sunset: Time, 7:30; Character, Clear			
Sunshine (in tenths of hours)					.6 0	1.0 0	1.0 0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7 0.2	.50 0				
Wind direction	NE	NE	E	NE	NE	NE	NE	NE	NE	NE	NE	NE	E	NE	NE	NE	NE	NE	NE	NE	E	E	NE	E
Wind movement	11	12	8	10	11	10	12	13	16	19	19	18	18	17	15	13	14	12	12	10	4	5	3	2
Maximum velocities (exceeding X miles)																								

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
82	62	72	71

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear (0) Moon phase,

Actual sunshine, hours,

Possible sunshine, hours, 15.1

Percentage of possible sunshine, 100

Prevailing direction, Northeast

Total movement, 284

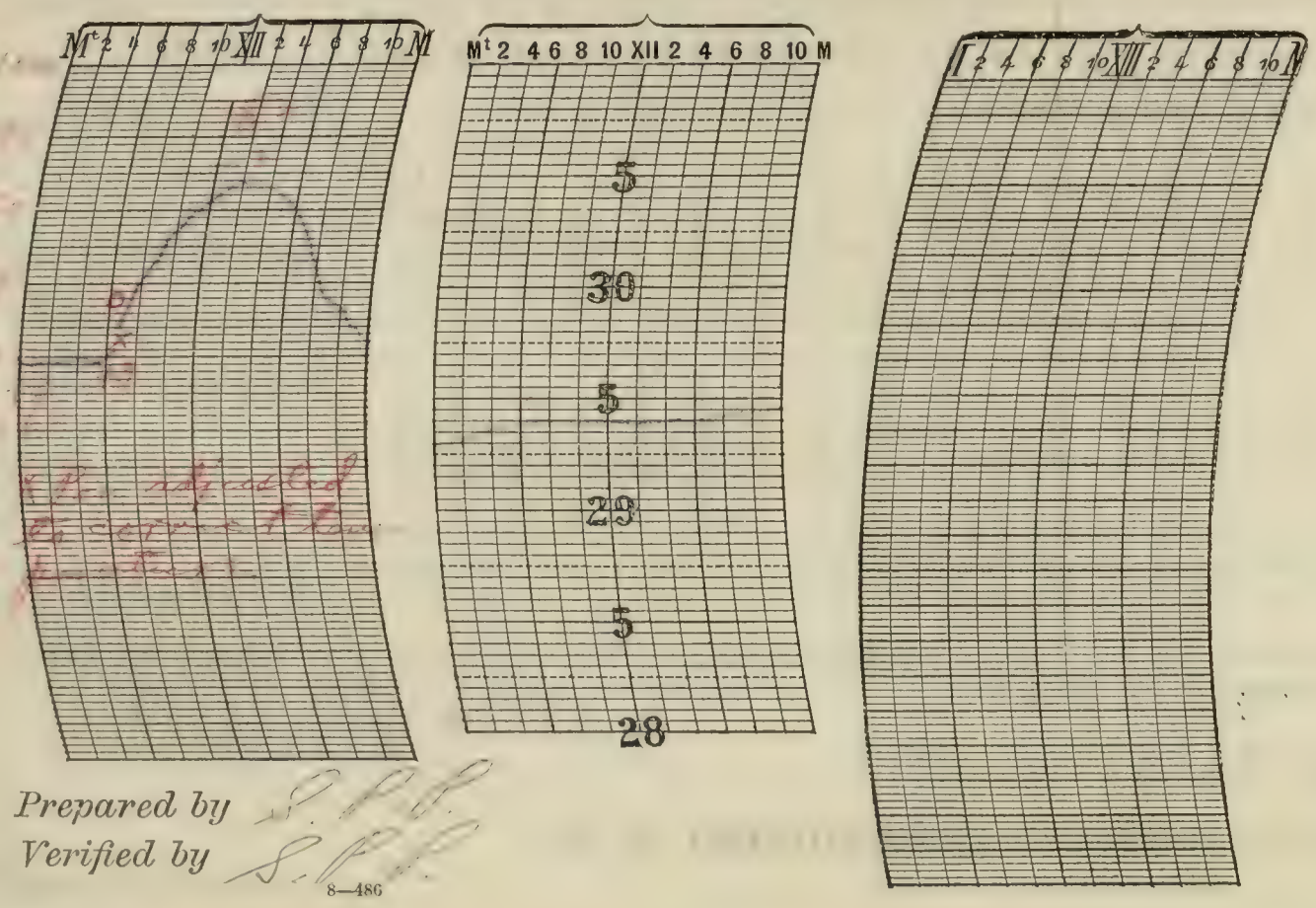
Average hourly velocity, 11.8

Maximum velocity,	Direction,	Time.
22	NE	10:08 a.m.

Relative humidity, 85 a. m. p. m.

Reduced barometer, 29.97 a. m. p. m.

River gage, 13.3 Stationary



NOTES.

Prepared by

Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Monday, (Date) JUN 19 1911, 191

Time (local standard), 90 mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	61	60	59	58	58	61	66	75	79	82	85	86
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions										Clear		
Sunshine (in tenths of hours)					0	1.0 0	1.0	1.0	1.0	1.0	1.0	1.0
Wind direction	E	NE	NE	NE	NE	O	NE	E	E	NE	NE	NE
Wind movement	1	2	1	1	1	0	1	2	4	5	6	6

Sunrise: Time, 4:43; Character, Clear

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	87	87	86	88	87		85	82	77	75	72	70
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions												
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	1.0	1.0	0.5	0				
Wind direction	NE	NE	NE	NE	N	NE	N	N	N	N	N	N
Wind movement	6	7	6	6	6	5	3	3	4	2	1	2

Sunset: Time, 7:31; Character, Clear

Maximum velocities (exceeding 75 miles)

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Actual.
88	58	73	71

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear. Moon phase, C.

Actual sunshine, hours, 15.1

Possible sunshine, hours, 15.1

Percentage of possible sunshine, 100

Prevailing direction, Northeast

Total movement, 82

Average hourly velocity, 3.4

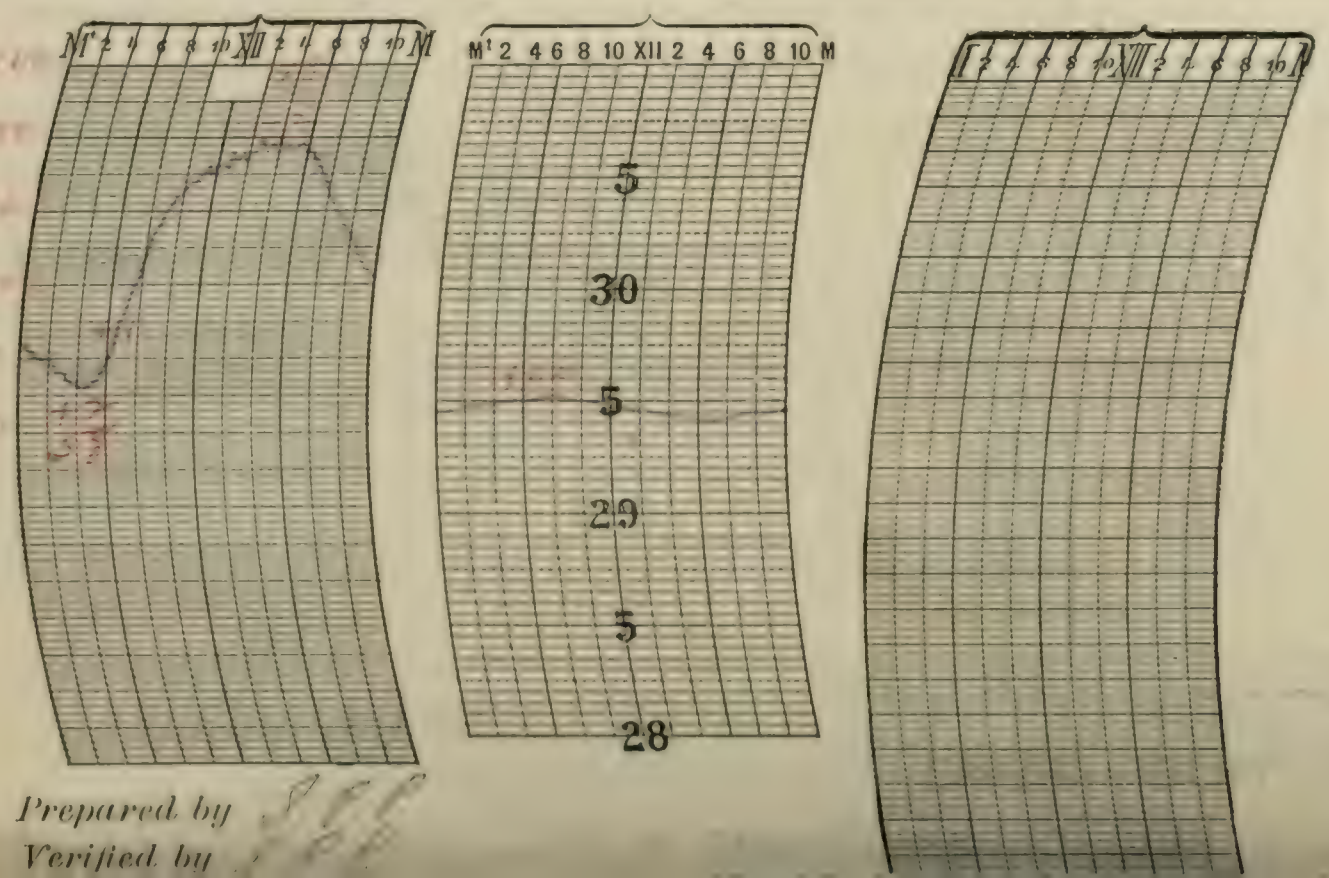
Maximum velocity,	Direction,	Time
10	NE	1:10 p.m.

Relative humidity, 80 a. m. p. m.

Reduced barometer, 30.10 a. m. p. m.

River gage, 13.2 falling

NOTES.



Prepared by

Verified by

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Tuesday, (Date) JUN 30 1911, 191

Time (local standard), 90 mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	68	67	66	65	64	67	73	83	86	89	91	92	92	93	93	93	93	92	83	83	79	76	75	72
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						← Clear												Partly						
Sunshine (in tenths of hours)					.60 0	0.9 0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	1.0	1.0	0.3 0.4	0				
Wind direction	N	N	N	N	NW	NW	NW	NW	NW	N	NW	NW	NW	NW	N	N	N	N	NE	NE	E	E	NE	NE
Wind movement	1	1	2	2	2	3	2	6	8	8	7	5	7	5	7	7	7	7	11	7	4	5	5	6
Maximum velocities (exceeding 75 miles)																								

Sunrise: Time, 4:24 Character, Clear

Sunset: Time, 7:31 Character, Cloudy

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
					—															

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
93	64	78	71

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear (2) Moon phase,

Actual sunshine, hours, 14.2

Possible sunshine, hours, 15.1

Percentage of possible sunshine, 94

Prevailing direction, North and Northeast

Total movement, 125

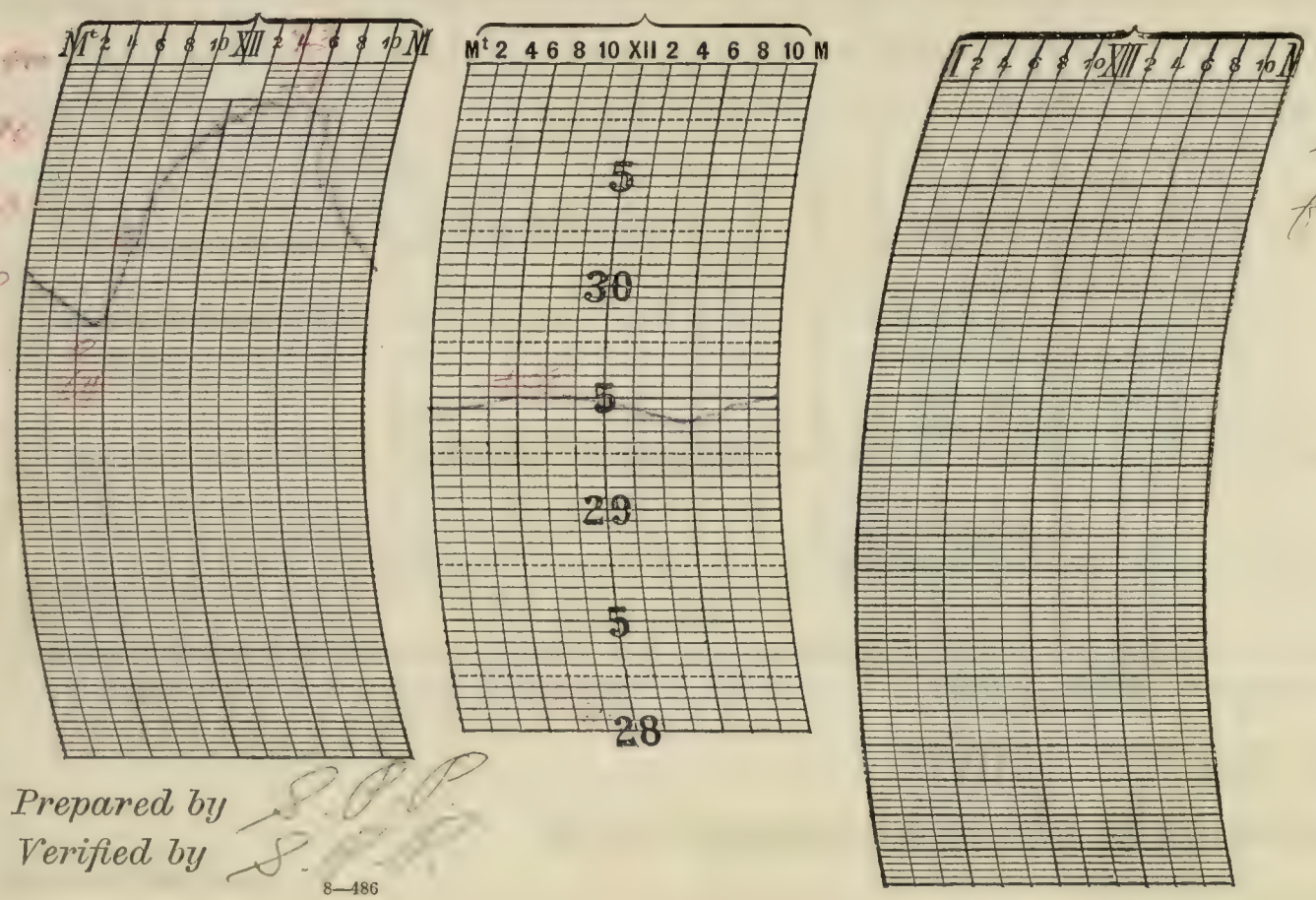
Average hourly velocity, 5.2

Maximum velocity,	Direction,	Time.
17	NE	6:26 pm

Relative humidity, 76 a. m. ____ p. m.

Reduced barometer, 30.11 a. m. ____ p. m.

River gage, 13.2 Stationary



NOTES.

Thunderstorm; first heard 6:10 pm; last heard 6:20 pm; storm came from northeast.

Prepared by S. C. P.

Verified by S.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LASALLE, ILL., (Day of week) Wednesday, (Date) JUN 21 1911, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	68	67	67	66	65	68	70	76	84	91	92	95
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions						X					Clear	
Sunshine (in tenths of hours)					0	0	0.6	1.0	1.0	1.0	1.0	1.0
Wind direction	NE	E	NE	NE	0	NE	E	E	E	E	SE	SE
Wind movement	6	4	3	3	0	1	4	3	2	3	4	[illegible]

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	96	96	96	96	96	96	93	85	85	84	[illegible]	[illegible]
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions									X			
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	1.0	1.0	0.1	0				
Wind direction	SE	SE	E	E	E	E	E	E	E	E	E	E
Wind movement	5	5	4	5	5	5	4	5	4	4	4	4

Sunrise: Time, 4:24 Character, Clear

Sunset: Time, 7:31 Character, Clear

Maximum velocities (exceeding 25 miles)

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

Maximum.	Minimum.	Mean.	Normal.
96	64	[illegible]	[illegible]

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear ⓪ Moon phase, ...

Actual sunshine, hours, 15.1

Possible sunshine, hours, 15.1

Percentage of possible sunshine, 100

Prevailing direction, East

Total movement, 71

Average hourly velocity, 3.5

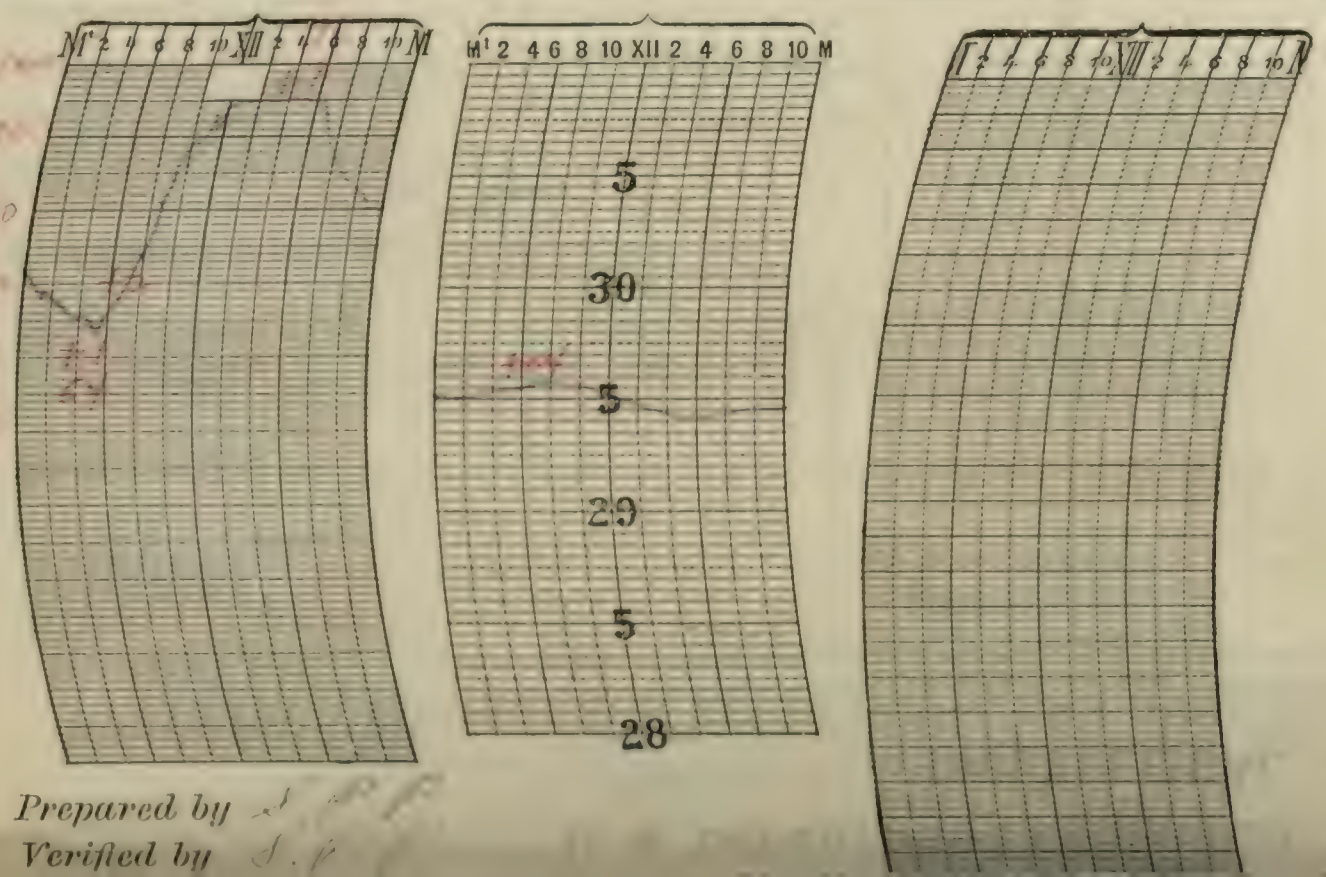
Maximum velocity.	Direction.	Time
7	NE	[illegible]

Relative humidity, 65 a. m. ..... p. m.

Reduced barometer, 30.15 a. m. ..... p. m.

River gage, 13.2 Stationary

NOTES.



Prepared by [illegible]

Verified by [illegible]

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Thursday, (Date) JUN 22 1911, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	77	75	74	74	71	72	75	82	85	89	92	94
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions						←					Clear	
Sunrise: Time, 4:24 Character, Clear												
Sunshine (in tenths of hours)					.60 0	0.8 0.2	1.0	1.0	1.0	1.0	1.0	1.0
Wind direction	E	E	E	S	S	S	S	S	SW	SW	SW	SW
Wind movement	2	1	2	5	1	1	2	2	5	7	8	7
Maximum velocities (exceeding 75 miles)												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	96	96	96	97	97	95	92	90	86	85	81	77
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions									→			
Sunset: Time, 7:31 Character, Clear												
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	1.0	1.0	0.7 0.3	.52 0				
Wind direction	SW	SW	S	S	S	S	S	S	SE	SE	SE	S
Wind movement	5	7	6	5	5	5	3	3	1	1	2	4

Maximum.	Minimum.	Mean.	Normal.
97	71	84	72

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear (0) Moon phase,

Actual sunshine, hours, 15.1

Possible sunshine, hours, 15.1

Percentage of possible sunshine, 100

Prevailing direction, South

Total movement, 90

Average hourly velocity, 3.8

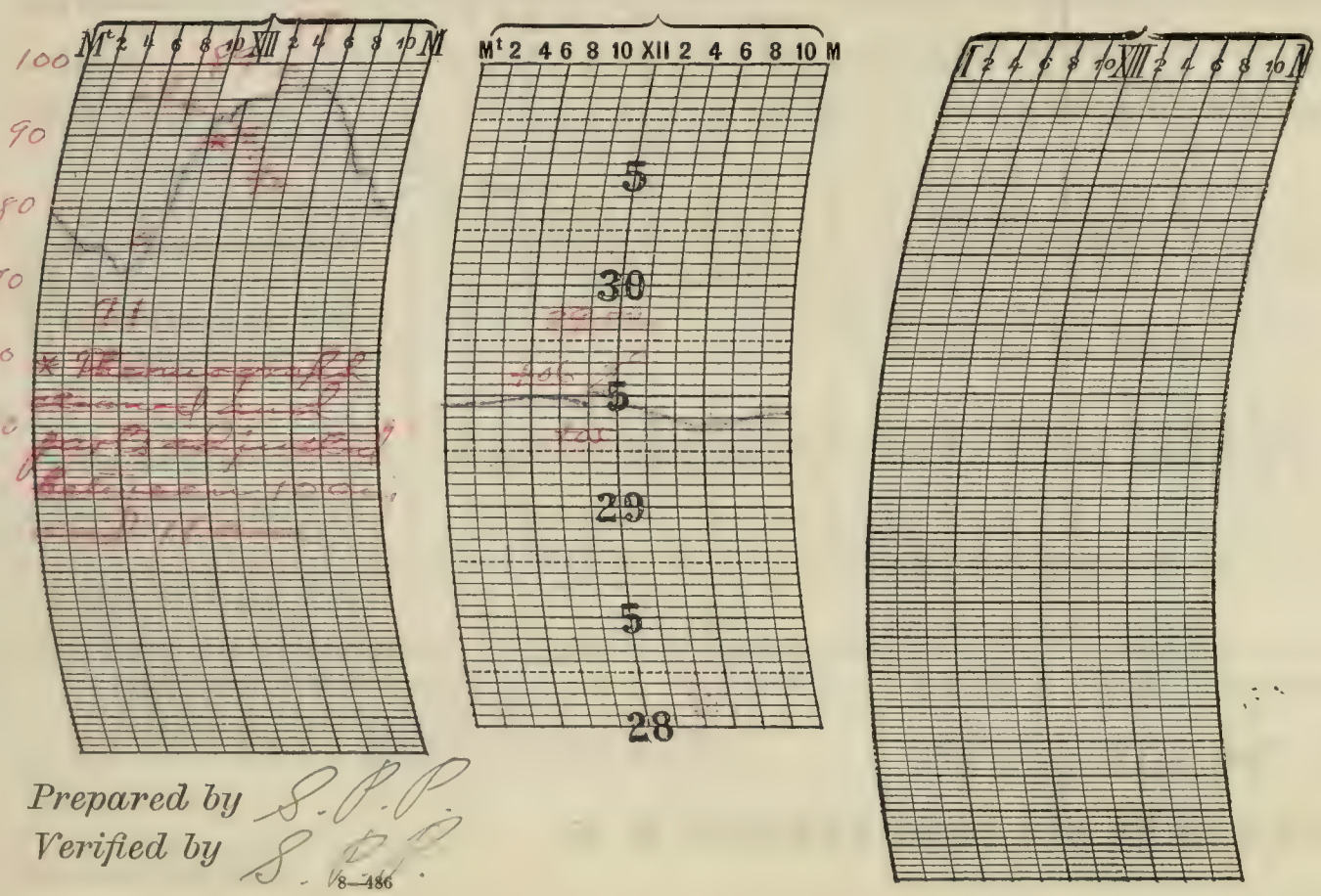
Maximum velocity,	Direction,	Time.
11	SW	10:50 am

Relative humidity, 63 a. m. ____ p. m.

Reduced barometer, 30.10 a. m. ____ p. m.

River gage, 13.1 falling

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.



Prepared by S. P. P.

Verified by S. P. P.

8—486

NOTES.

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

LA SALLE, ILL. (Station), (Day of week) Friday, (Date) JUN 23 1911, 191

Time (local standard), 90 mer.

1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	79	78	74	73	71	73	75	82	84	88	92	94	94	94	86	83	83	83	83	81	79	77	76	76
State of weather: Nature of precipitation and time of beginning and ending																RB :10 RE 3:13								
Amounts of precipitation																T								
Cloudiness and other conditions						←			Clear						×RC×	Cloudy			×Rcldy					
Sunshine (in tenths of hours)	Sunrise: Time, 4:24 Character, Clear				.60 0	1.0 0	0.1 0.9	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.4	0.1	0	0	0	0	Sunset: Time, 7:32 Character, Cloudy			
Wind direction	SW	SW	SW	SE	SE	SE	SE	SW	SW	SW	SW	S	SW	S	S	SW	SW	SW	SW	SW	S	S	S	S
Wind movement	6	6	3	2	2	2	3	5	6	5	5	6	7	4	8	11	9	7	8	5	4	5	2	2
Maximum velocities (exceeding 25 miles)																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Maximum.	Minimum.	Mean.	Normal.
94	71	82	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m. 0 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Pt Cldy, Mean phase

Actual sunshine, hours, 9.9

Possible sunshine, hours, 15.1

Percentage of possible sunshine, 66

Prevailing direction, Southwest

Total movement,

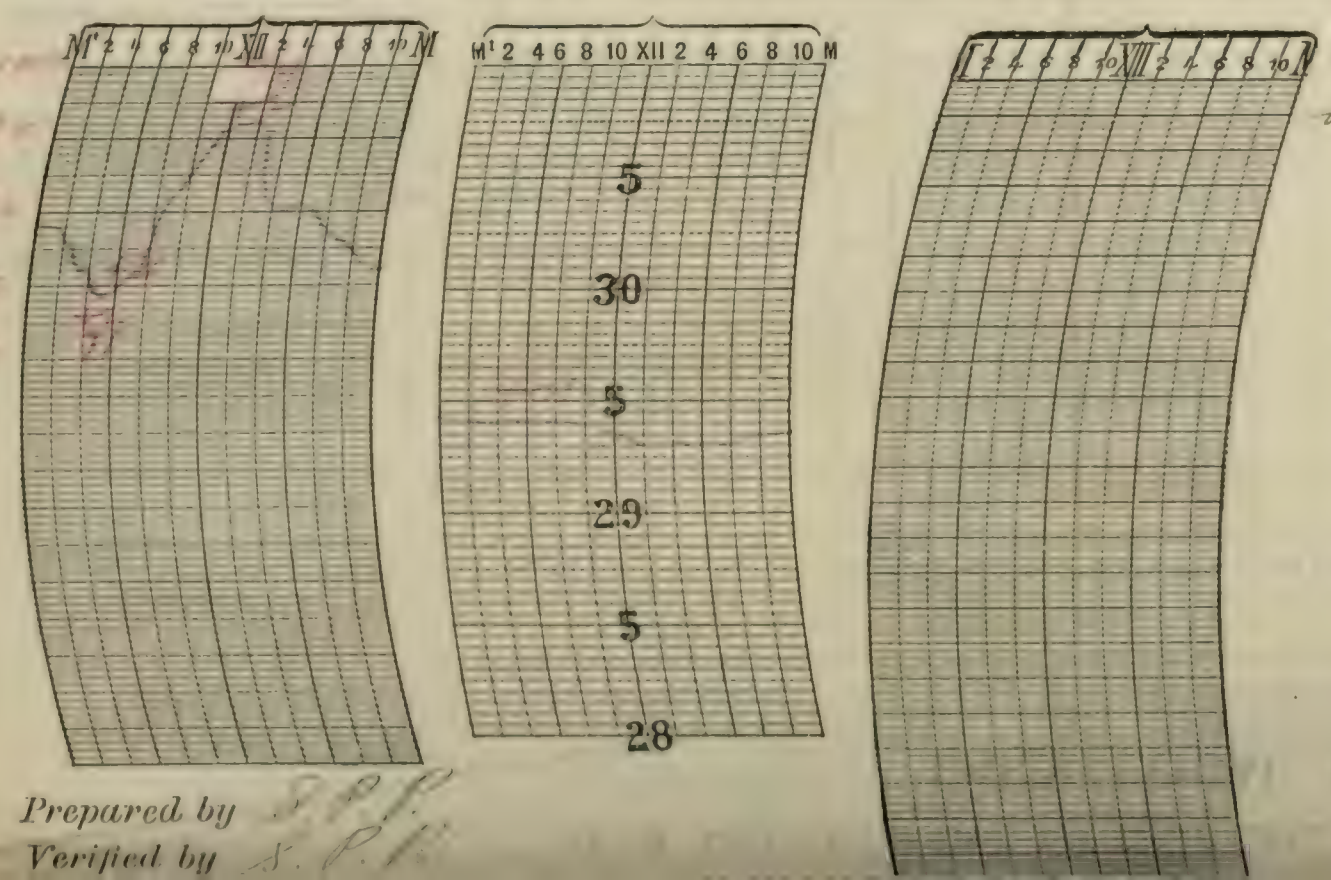
Average hourly velocity, 5.1

Maximum velocity.	Direction.	Time
21	SW	[illegible]

Relative humidity, 68 a. m. p. m.

Reduced barometer, 29.98 a. m. p. m.

River gage, 13.0 Falling



NOTES.

Thunderstorm; first heard 3:02 p.; last heard 3:15 p.; came from Southwest

Prepared by [illegible]

Verified by [illegible]

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Saturday, (Date) JUN 2 1911, 191

Time (local standard) 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	76	76	76	75	76	76	71	72	72	72	73	73
State of weather: Nature of precipitation and time of beginning and ending						RB 5:30						
Amounts of precipitation						T	.72	.25	.17	.06	.53	.19
Cloudiness and other conditions						← Cloudy						
Sunrise: Time, 4:25 Character, Cl												
Sunshine (in tenths of hours)					0	0	0	0	0	0	0	0
Wind direction	SE	E	E	E	SE	SE	SE	SE	SE	S	SE	E
Wind movement	3	4	4	5	6	6	6	5	6	6	3	3

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	74	74	76	79	78	76	76	74	74	74	73	73
State of weather: Nature of precipitation and time of beginning and ending		RE 1:40			RB 4:25		RE 6:35	RB 7:05		RE 9:30		
Amounts of precipitation	T	.01			.01	.04	T	T	T	T		
Cloudiness and other conditions		← Partly				← Cloudy						
Sunset: Time, 7:37 Character, Cloudy												
Sunshine (in tenths of hours)	0	0.1	0.9	1.0	0	0	0	0				
Wind direction	E	SE	SE	S	S	SW	SW	SW	SW	S	S	S
Wind movement	5	4	6	7	8	4	6	2	3	2	3	3

Maximum velocities (exceeding 25 miles)

	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts	5:30a	1:40p	1.93	6:21a	6:48a	.02	.12	.22	.36	.50	.58	.63								
	5:30a	1:40p	1.93	10:28a	10:51a	1.26	.08	.16	.28	.41	.46	(See Error letter for June, 1911)								

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
79	71	75	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .55 ins.; to 7 p. m. 1.43 ins.

Total precipitation, midnight to midnight, 1.98 inches.

Character of day, Cloudy (9) Moon phase,

Actual sunshine, hours, 2.0

Possible sunshine, hours, 1.5

Percentage of possible sunshine, 13

Prevailing direction Southwest

Total movement, 116

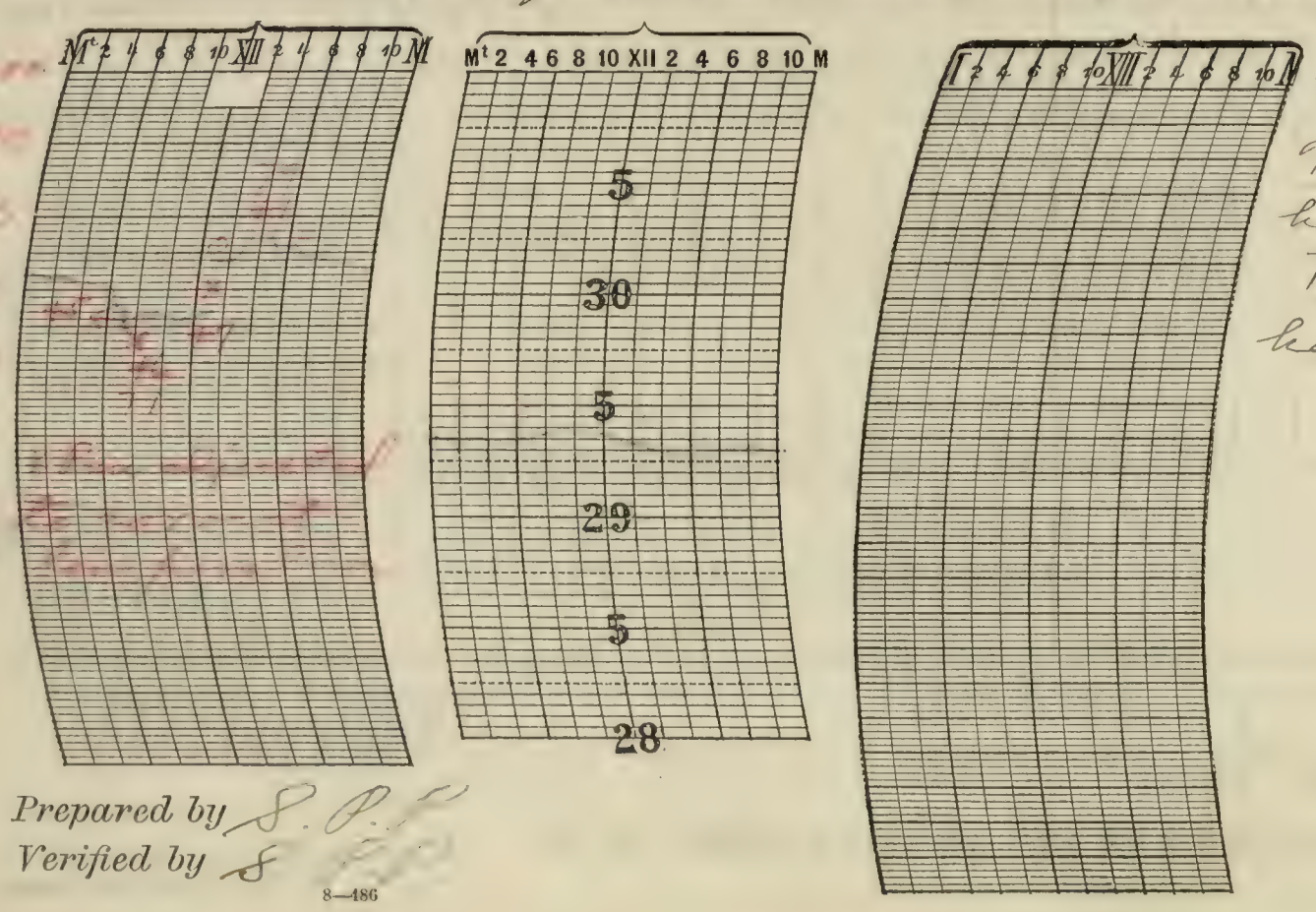
Average hourly velocity, 4.8

Maximum velocity,	Direction,	Time.
12	SW	4:55p

Relative humidity, 100 a. m. p. m.

Reduced barometer, 29.93 a. m. p. m.

River gage, 13.0 Stationary



NOTES.

* Interpolated.

Record lost because of poor connection in clock.

Thunderstorm: first heard 10:23a; last heard 12:40p; came from Southeast.

Thunderstorm: first heard 4:20p; last heard 6:00p; came from southeast.

Prepared by S. P. F.

Verified by S.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE ILL., (Day of week) Sunday, (Date) JUN 8 1913 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	74	73	73	73	73	73	72	73	74	75	77	83	85	86	87	87	87	87	83	83				
State of weather: Nature of precipitation and time of beginning and ending																						RB 7:03 RE 7:40		
Amounts of precipitation																						T		
Cloudiness and other conditions						Cloudy					Ptcldy			Clear			Ptcldy							
Sunrise: Time, 4:25 Character, Cloudy																					Sunset: Time, 7:37 Character, Cloudy			
Sunshine (in tenths of hours)					0	0	0	0	0	0	0.7	1.0	1.0	1.0	1.0	1.0	0.9	0.6	0	0				
Wind direction	S	S	SW	SW	SW	S	S	SW	SW	SW	*SW	SW	*SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SE
Wind movement	3	4	6	6	5	5	3	6	7	6	5	5	6	8	9	10	8	6	4	2	2	4	2	3
Maximum velocities (exceeding 25 miles)																								

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Maximum.	Minimum.	Mean.	Normal.
87	72	80	73

Total depth of snow for 24 hours ending 7 p. m. 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m. T ins. to 7 p. m. 0 ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Ptcldy (6) Moon phase

Actual sunshine, hours, 7.2

Possible sunshine, hours, 15.1

Percentage of possible sunshine, 48

Prevailing direction, S

Total movement, 125

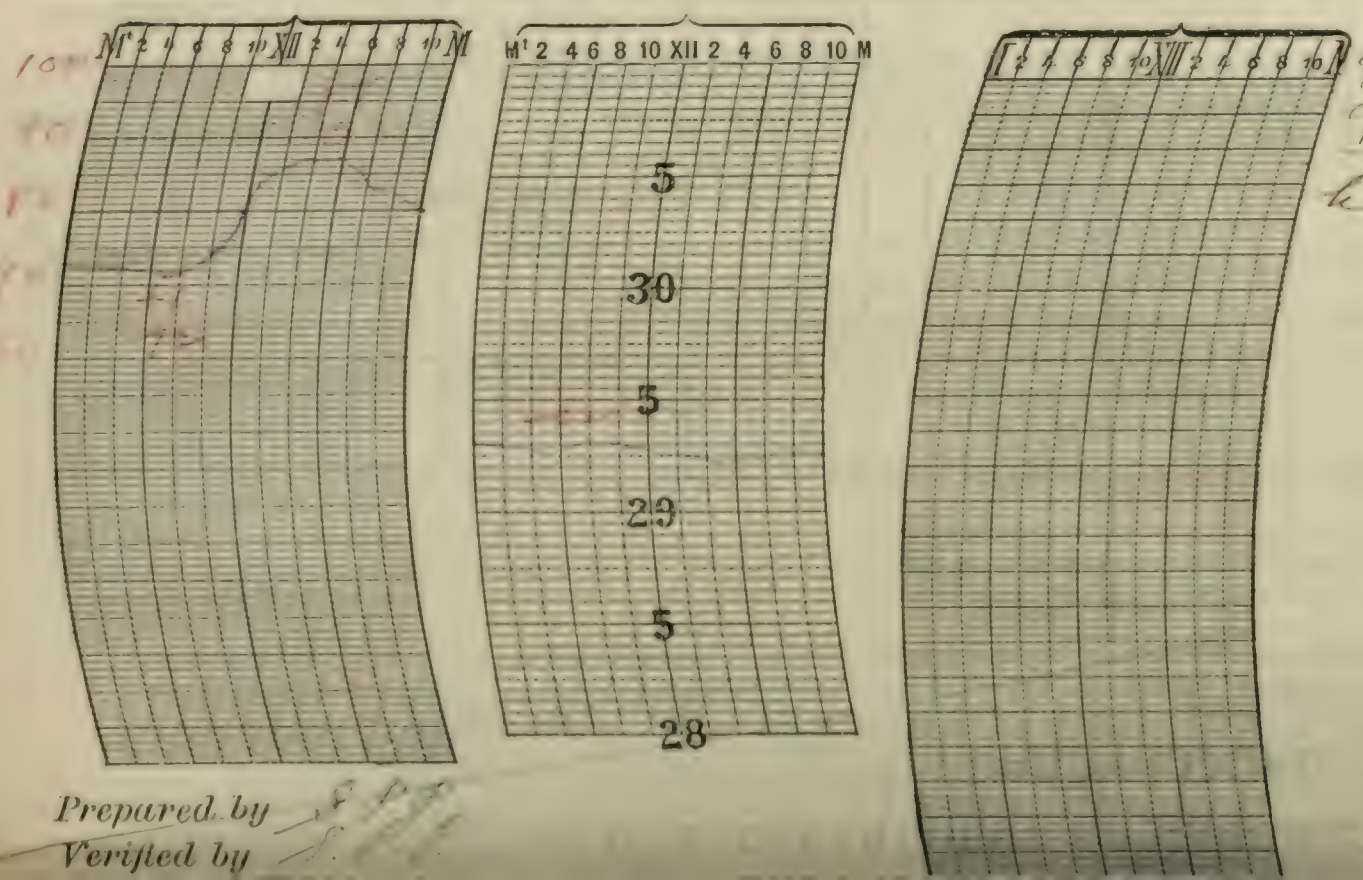
Average hourly velocity, 5.2

Maximum velocity,	Direction,	Time
12	SW	3:00 p.m.

Relative humidity, 98 a. m. p. m.

Reduced barometer, 29.84 a. m. p. m.

River gage, 18.2 falling



NOTES.

* Interpolated: loss of wind due to poor connections in clock. Thermometer: first hand 5.40 p.; last hand 7.18 p.; came from southeast

Prepared by

Verified by

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Monday, (Date) JUN 26 1911, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	79	78	77	77	76	76	74	75	75	77	80	83
State of weather: Nature of precipitation and time of beginning and ending							RB 6:05		RE 8:05			
Amounts of precipitation							.09	.02	T			
Cloudiness and other conditions					← Cloudy					→		
Sunrise: Time, 4:45 Character, Cloudy												
Sunshine (in tenths of hours)					0	0	0	0	0	0	0.5	
Wind direction	SE	SE	S	SW	S	S	W	SE	SW	S	S	SW
Wind movement	5	3	3	2	2	2	10	11	10	5	8	13

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	83	85	86	87	87	86	84	82	80	77		
State of weather: Nature of precipitation and time of beginning and ending						RB 5:49	RE 6:05					
Amounts of precipitation						.04	T					
Cloudiness and other conditions			← Pt Cldy		← Cloudy		← Pt Cldy		→			
Sunset: Time, 7:32 Character, Clear												
Sunshine (in tenths of hours)	1.0	0.9	1.0	0.8	0.7	0.2	0	0				
Wind direction	SW	SW	SW	SW	SW	SW	W	W	W	W	W	W
Wind movement	16	19	13	10	15	12	6	9	5	5	6	7

Maximum velocities (exceeding 25 miles)

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
87	73	80	73

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .03 ins.; to 7 p. m., .12 ins.

Total precipitation, midnight to midnight, .15 inches.

Character of day, Pt Cldy (T) Moon phase, 7:2

Actual sunshine, hours, 7.1

Possible sunshine, hours, 15.1

Percentage of possible sunshine, 47

Prevailing direction, Southwest

Total movement, 197

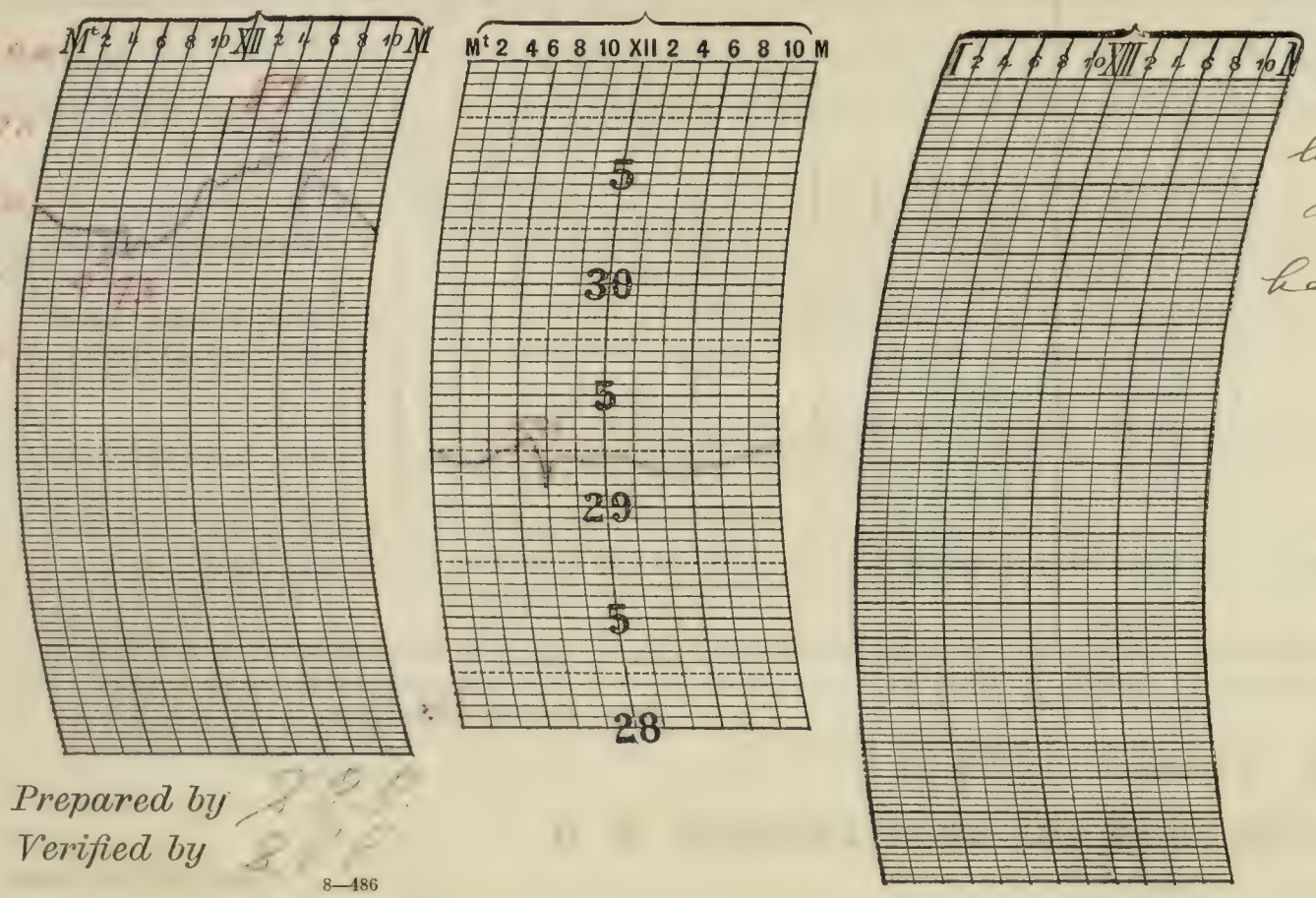
Average hourly velocity, 8.2

Maximum velocity,	Direction,	Time.
23	SW	1:20 p.m.

Relative humidity, 91 a. m. ____ p. m.

Reduced barometer, 29.84 a. m. ____ p. m.

River gage, 13.5 Rising



NOTES.

Thunderstorm; first heard 5:35a; last heard 7:20a; came from west.

Thunderstorm; first heard 4:31 p; last heard 6:54p; came from Southwest.

Prepared by

Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Tuesday, (Date) JUN 27 1911, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	73	72	71	70	69	69	71	71	73	74	76	76
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions												
Sunshine (in tenths of hours)						0.1	0.9	1.0	1.0	1.0	1.0	1.0
Wind direction	W	W	W	W	W	W	W	W	W	W	W	W
Wind movement	7	7	7	6	5	6	9	5	11	10	13	14

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	78	78	76	75	74	73	71	68	66	63	66	
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions												
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	1.0	1.0	0.5	0				
Wind direction	W	W	W	W	W	W	NW	NW	NW	N	N	N
Wind movement	15	16	14	16	13	11	5	6	4	8	6	4

Sunrise: Time, 4:26 Character, Clear

Sunset: Time, 7:32 Character, Clear

Maximum velocities (exceeding 45 miles)

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
78	57	68	72

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear (1) Moon phase

Actual sunshine, hours, 15.0

Possible sunshine, hours, 15.1

Percentage of possible sunshine, 99

Prevailing direction, West

Total movement,

Average hourly velocity, 7

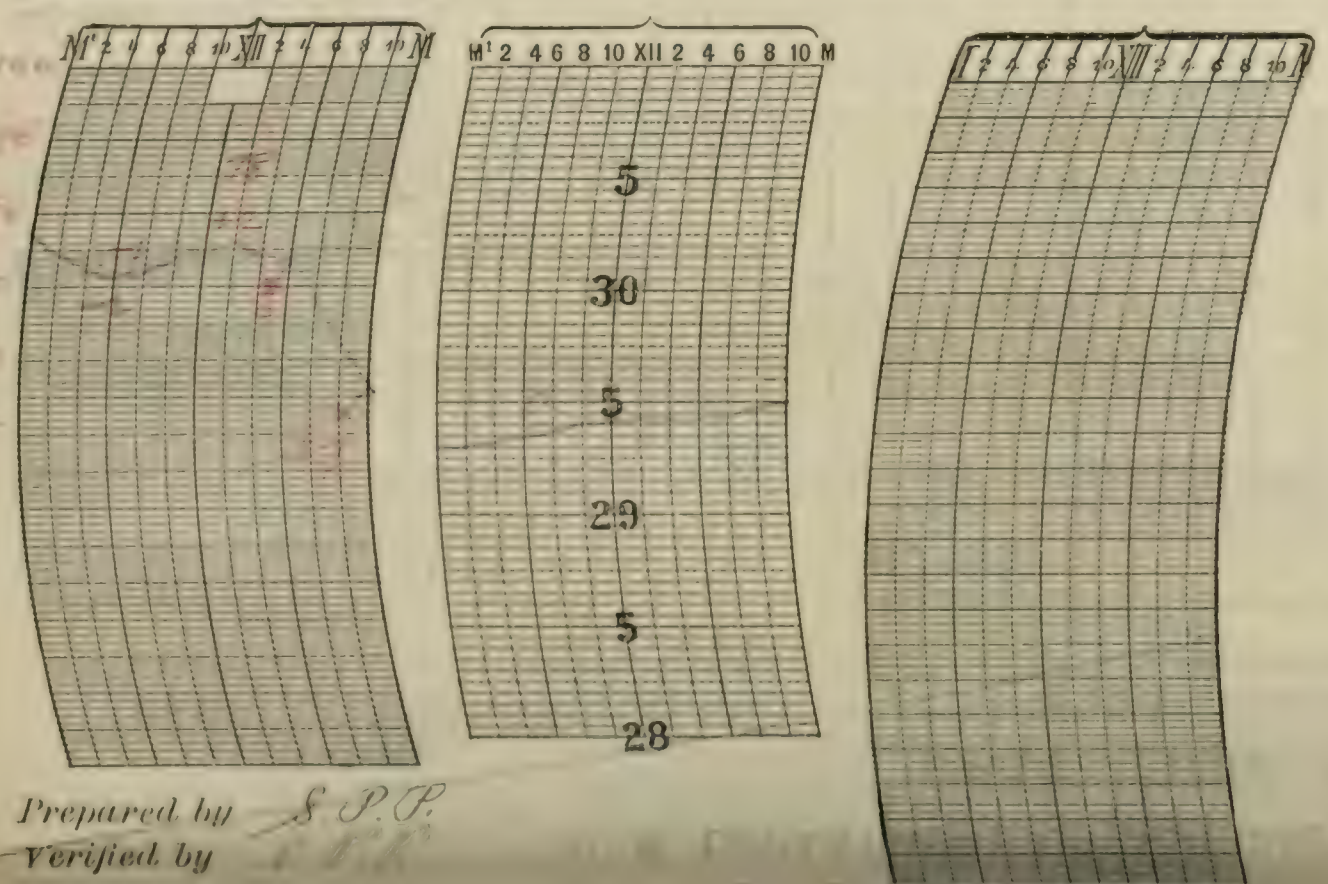
Maximum velocity.	Direction.	Time.
19	W	

Relative humidity, a. m. p. m.

Reduced barometer, a. m. p. m.

River gage,

NOTES.



Prepared by S. P. P.

Verified by

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Wednesday, (Date) JUN 28 1911, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	55	53	53	52	51	55	58	59	61	65	68	69
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions						←				Clear		
Sunrise: Time, 4:26 Character, Clear												
Sunshine (in tenths of hours)					.57 0	0.6 0.4	1.0	1.0	0.7	1.0	1.0	1.0
Wind direction	N	N	N	NW	NW	NW	N	N	N	N	NW	NW
Wind movement	3	2	4	5	6	6	6	6	4	4	4	4
Maximum velocities (exceeding 25 miles)												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	71	72	75	75	74	74	74	72	69	67	65	
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions							×—Partly Cloudy			→		
Sunset: Time, 7:32 Character, Clear												
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	0.4	0.3	0.2	0				
Wind direction	NE	E	SE	SE	E	E	E	E	E	E	E	E
Wind movement	5	5	5	6	5	5	5	3	5	10	9	9
Maximum velocities (exceeding 25 miles)												

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

	Maximum.	Minimum.	Mean.	Normal.
	75	51	6[illegible]	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear (3) Moon phase,

Actual sunshine, hours, 12.2

Possible sunshine, hours, 15.1

Percentage of possible sunshine, 81

Prevailing direction, East

Total movement, 126

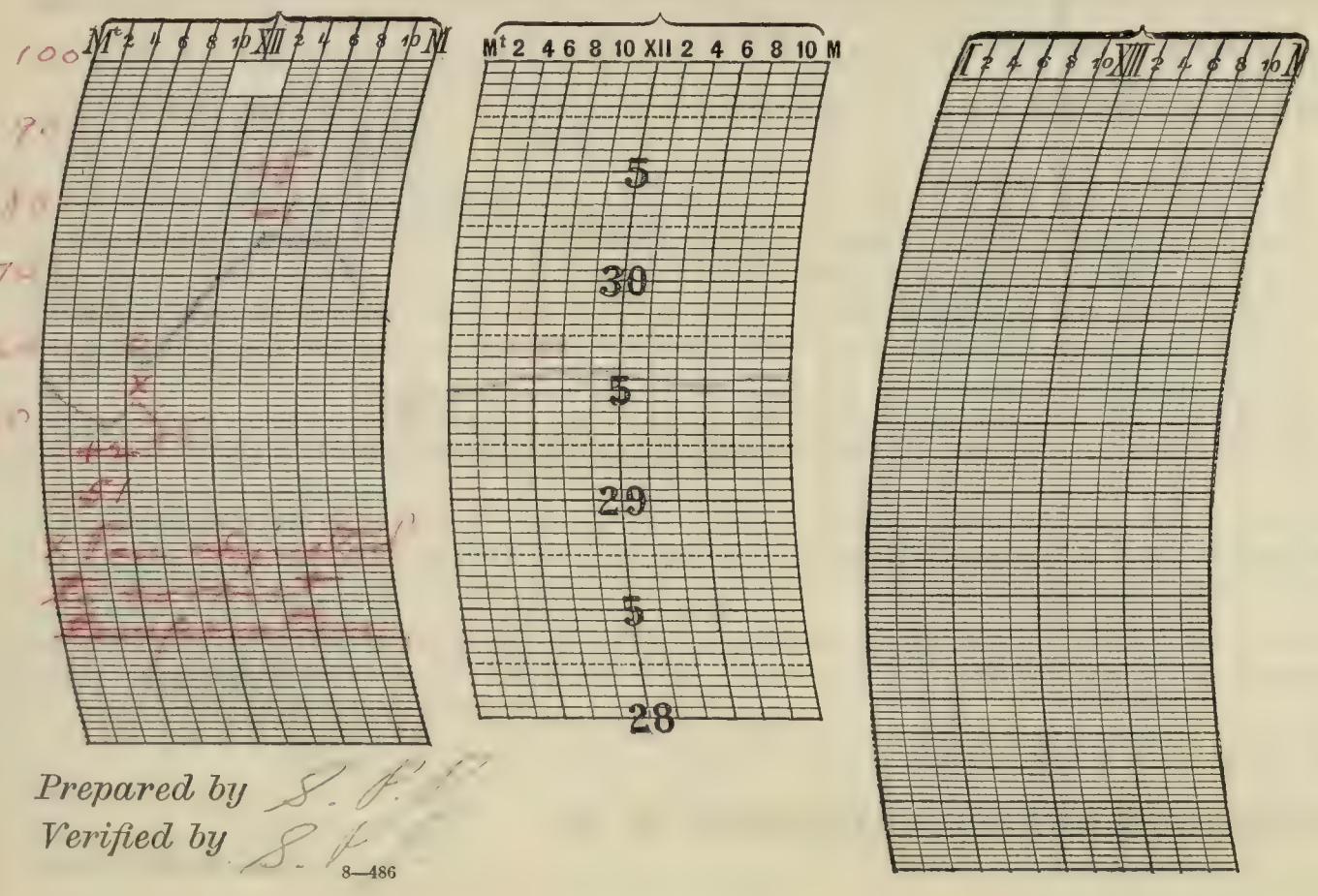
Average hourly velocity, 5.2

Maximum velocity,	Direction,	Time.
12	E	9:47 p.m.

Relative humidity, 77 a. m. ____ p. m.

Reduced barometer, 30.13 a. m. ____ p. m.

River gage, 13.4 Falling



NOTES.

Prepared by S. F.

Verified by S. F.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE ILL, (Day of week) Thursday, (Date) JUN 29 1911, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	62	62	62	60	59	60	61	63	7		71	75	77	81	83	85	85	84	82	80	79	77	75	75
State of weather: Nature of precipitation and time of beginning and ending										RB 13 RE														
Amounts of precipitation										T														
Cloudiness and other conditions						←	Cloudy					→	←	P.C.	→	Clear					→			
Sunrise: Time, 4:26 Character, Cloudy																					Sunset: Time, 7:32 Character, Clear			
Sunshine (in tenths of hours)					0	0	0.1	0	0.5	0	0.6	0.7	1.0	1.0	1.0	1.0	1.0	1.0	0.3	0				
Wind direction	E	E	E	E	E	E	E	E	E	E	E	E	SE	SE	E	SE	SE	E	SE	SE	E	E	E	E
Wind movement	8	9	7	7	6	7	7	7	7	6	5	5	9	9	9	8	8	7	5	5	5	5	5	5
Maximum velocities (exceeding 75 miles)																								

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
85	59	72	75

Total depth of snow for 24 hours ending 7 p. m. 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, T inches.

Character of day Partly Cloudy Moon phase,

Actual sunshine, hours, 9.4

Possible sunshine, hours, 15.1

Percentage of possible sunshine, 62

Prevailing direction East

Total movement, 169

Average hourly velocity, 7.0

Maximum velocity.	Direction.	Time.
12	E	[illegible]

Relative humidity, 64 a. m. p. m.

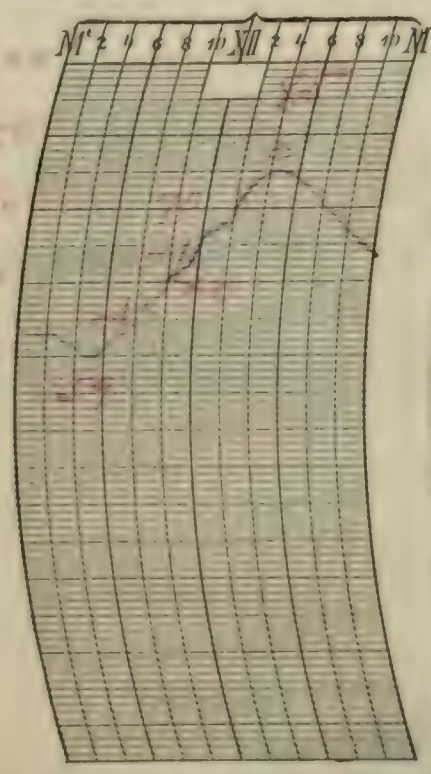
Reduced barometer, 30.18 a. m. p. m.

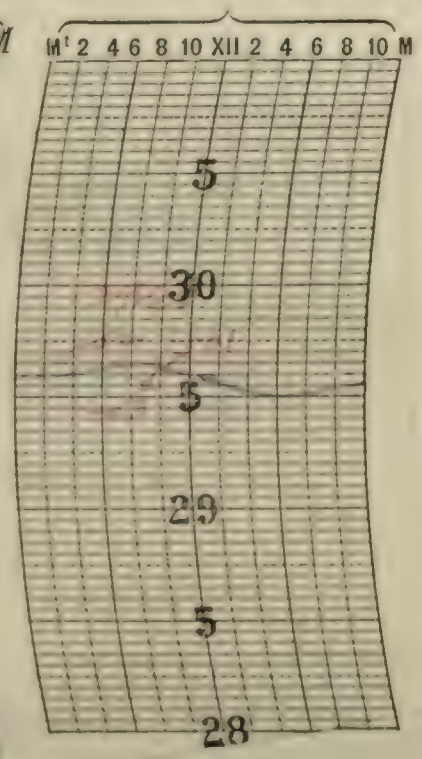
River gage, 13.2 [illegible]

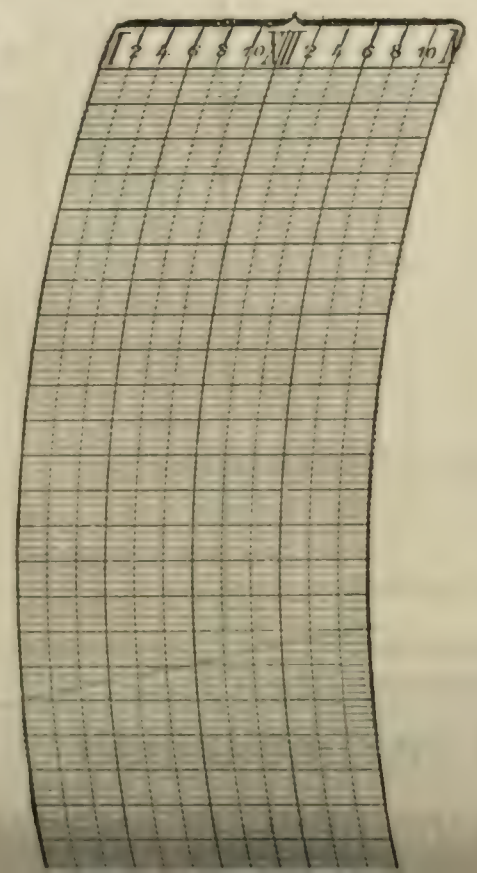
Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

NOTES.







Prepared by S P C
verified by

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Friday, (Date) JUN 30 1911, 191

Time (local standard), 90th mer. — 1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	74	73	72	70	68	70	71	78	83	87	90	92
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions						← Clear						
Sunshine (in tenths of hours)					.55 0	1.0 0	0.1 0.9	1.0	1.0	1.0	1.0	1.0
Wind direction	E	E	E	S	S	SE	SE	SE	SW	SW	SW	SW
Wind movement	3	3	3	1	1	3	2	3	7	9	8	6

Sunrise: Time, 4:27; Character, Clear

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	94	94	93	94	94	93	91	87	85	82	79	75
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions												
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	1.0	1.0	0.5 0.5	0.5 0				
Wind direction	S	S	S	S	S	S	S	SE	SE	SE	SE	SW
Wind movement	6	7	7	7	4	5	2	3	3	2	2	2

Sunset: Time, 9:32; Character, Clear

Maximum velocities (exceeding 75 miles)

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

	Maximum.	Minimum.	Mean.	Normal.
Temperature	94	68	84	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear (0) Moon phase,

Actual sunshine, hours, 15.1

Possible sunshine, hours, 15.1

Percentage of possible sunshine, 100

Prevailing direction, South

Total movement, 99

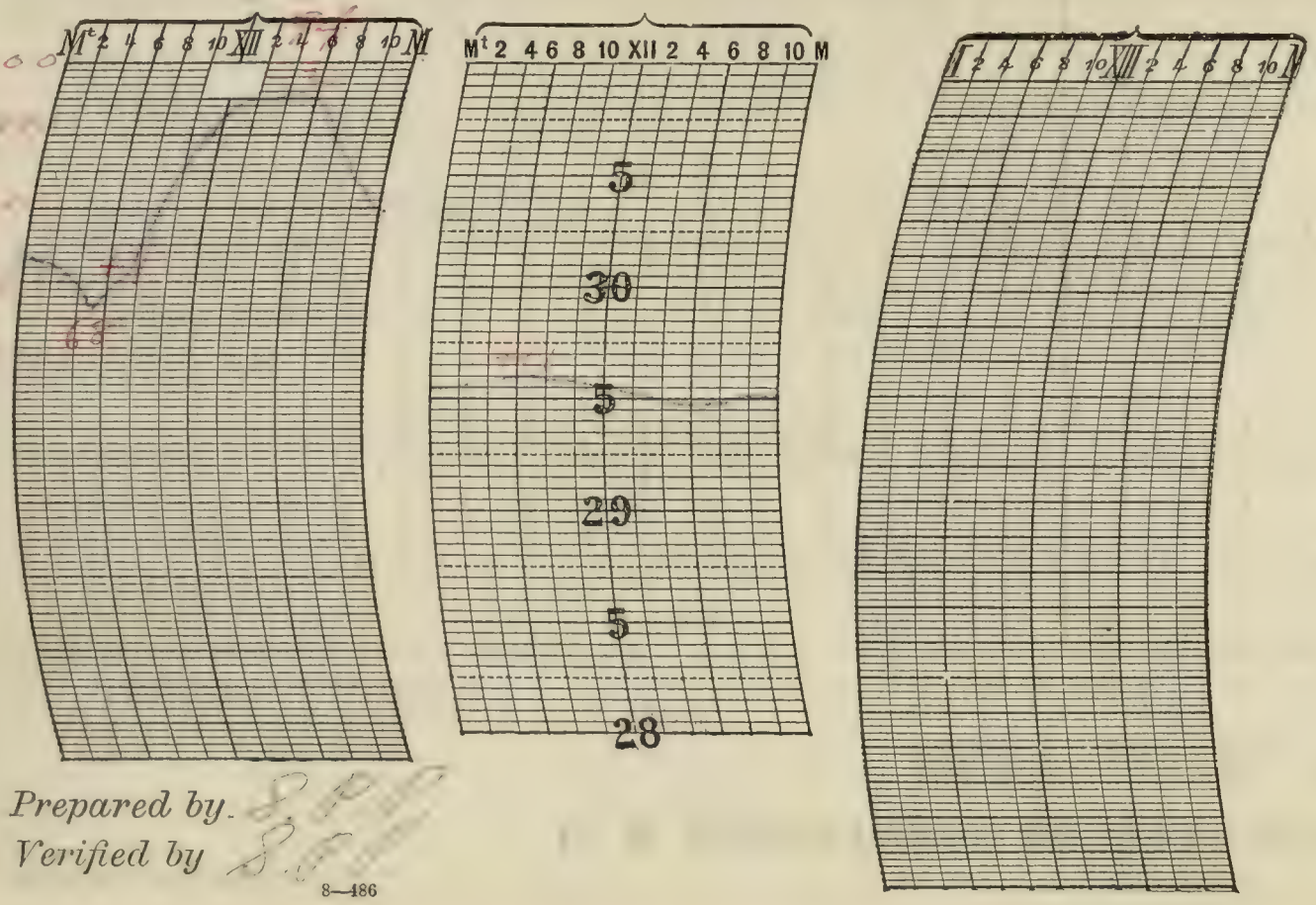
Average hourly velocity, 4.1

Maximum velocity,	Direction,	Time.
10	SW	9:30 am

Relative humidity, 71 a. m. p. m.

Reduced barometer, a. m. p. m.

River gage, 13.0 Falling



NOTES.

Prepared by

Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) LA SALLE ILL, (Day of week) Saturday, (Date) JUL 1 1911, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	78	77	75	72	68	69	75	79	84	85	90	92	93	94	95	95	94	93	90	87	85	84	82	[illegible]
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions												Clear												
Sunshine (in tenths of hours)					0	0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	0				
Wind direction	SW	SW	SW	SW	E	E	E	E	SW	S	S	S	SW	S	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	5	5	3	2	3	3	2	2	7	8	9	9	10	10	11	12	10	9	5	3	1	2	2	2
Maximum velocities (exceeding miles)																								

State of weather.

Sunrise: Time, 4:27 Character, Clear

Sunset: Time, 7:32 Character, Clear

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

[illegible] hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
95	68	82	78

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear (0) Moon phase

Actual sunshine, hours, 15.1

Possible sunshine, hours, 15.1

Percentage of possible sunshine, 100

Prevailing direction, Southwest

Total movement, 135

Average hourly velocity, 5.6

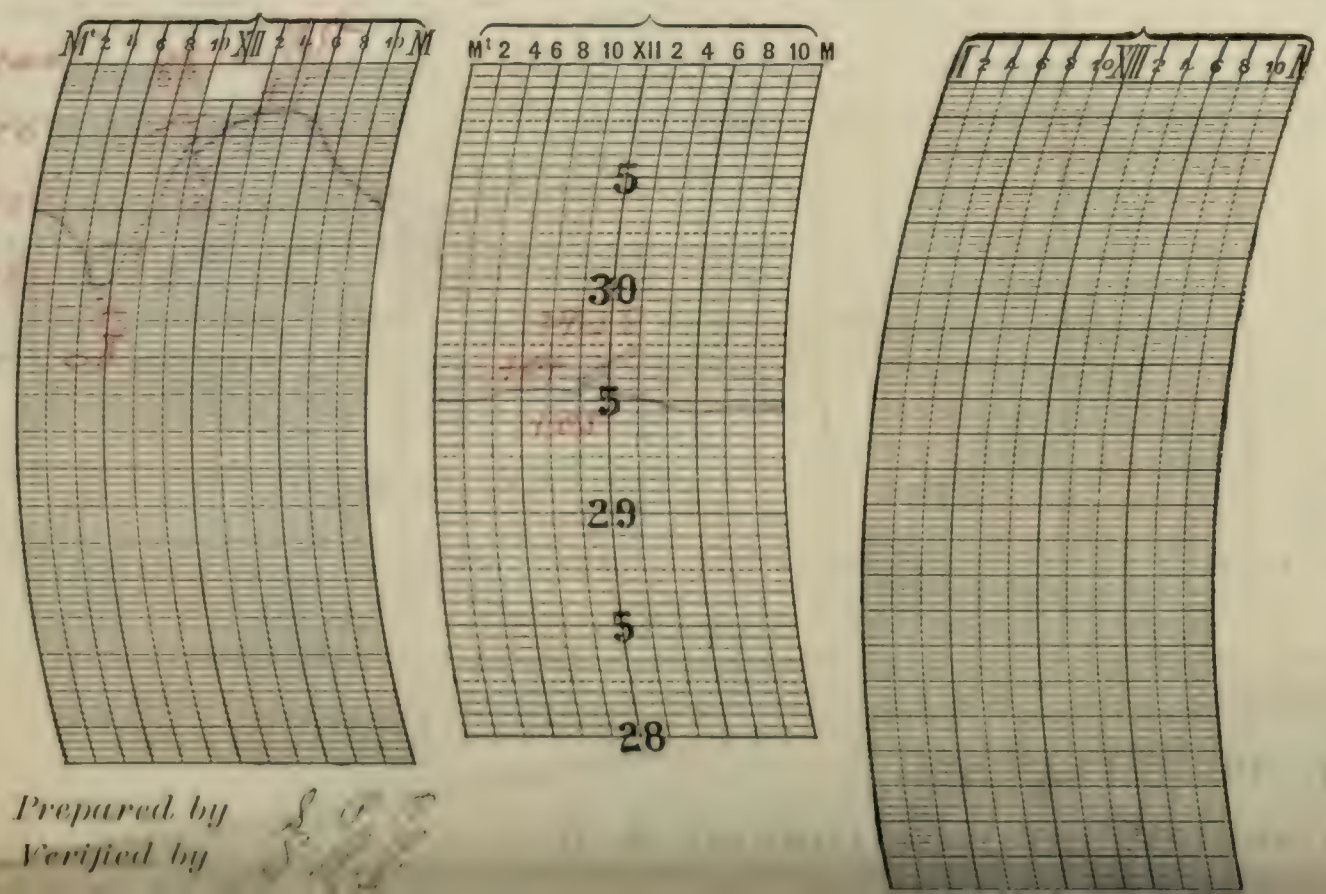
Maximum velocity,	Direction,	Time.
15	SW	2:38 pm

Relative humidity, 66 a. m. p. m.

Reduced barometer, 29.15 a. m. p. m.

River gage, 13.0 stationary

NOTES.



Prepared by

Verified by

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LAFAYETTE, (Day of week) Sunday, (Date) JUL 2 1911, 191

Time (local standard), 90 mer.

1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	79	79	78	76	72	75	76	83	87	91	93	94
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions						←					Clear	
Sunrise: Time, 4:28 Character, Clear												
Sunshine (in tenths of hours)					.53 0	0.9 0.1	1.0	1.0	1.0	1.0	1.0	1.0
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	3	5	4	3	1	1	2	7	10	11	12	11
Maximum velocities (exceeding 25 miles)												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	95	96	96	97	96	95	93	90	85	84	81	77
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions												
Sunset: Time, 7:32 Character, Clear												
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	1.0	1.0	0.8 0.2	.53 0				
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SE	SE	0
Wind movement	10	9	9	9	8	8	5	1	2	2	1	0

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

	Maximum.	Minimum.	Mean.	Normal.
	97	72	84	79

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, . inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear (1) Moon phase,

Actual sunshine, hours, 15.1

Possible sunshine, hours, 15.1

Percentage of possible sunshine, 100

Prevailing direction, Southwest

Total movement, 134

Average hourly velocity, 5.6

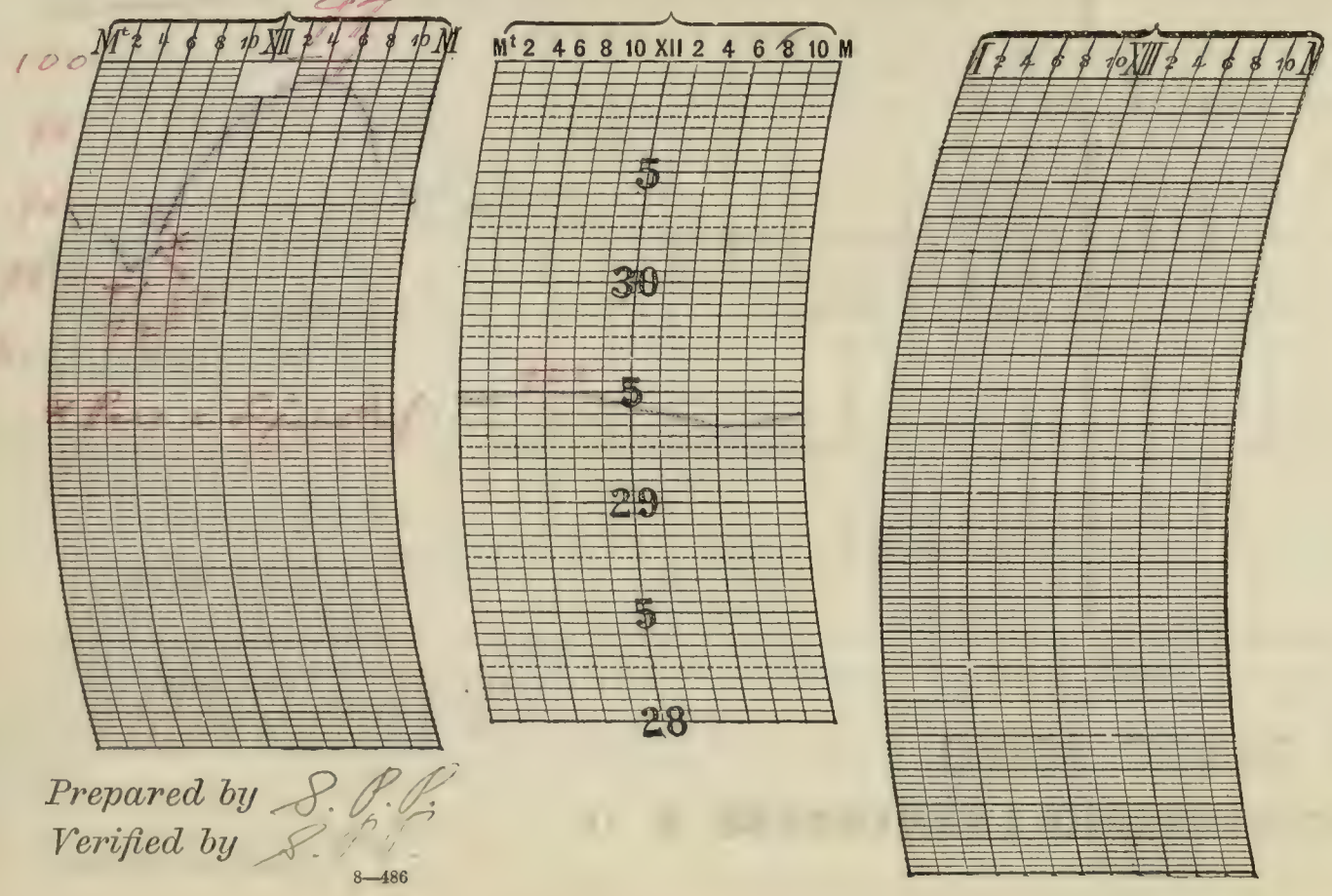
Maximum velocity,	Direction,	Time.
15	SW	11:02 am

Relative humidity, 72 a. m. p. m.

Reduced barometer, a. m. p. m.

River gage, 12.9 Falling

NOTES.



Prepared by S. P. P.

Verified by S. P.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) L. A. SALLE ILL., (Day of week) Monday, (Date) JUL 3 1911, 191

Time (local standard), 90th mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	78	78	78	78	76	76	78	81	86	89	92	97	98	100	100	99	98	98	96	93	85	83	54	67
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions											Clear													
Sunshine (in tenths of hours)					0	0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1	0				
Wind direction	SE	SW	S	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	S	S	S	S	S	S	S	SE	S
Wind movement	1	2	2	4	4	3	3	4	5	5	7	6	6	6	5	5	6	4	1	1	2	2	2	2
Maximum velocities (exceeding ____ miles)																								

Sunrise: Time, 4:28; Character, Clear

Sunset: Time, 7:32; Character, Clear

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

____ 6 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
101	76	88	79

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., ____ ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear. Moon phase, ☽ 3 days old

Actual sunshine, hours, 15.1

Possible sunshine, hours, 15.1

Percentage of possible sunshine, 100

Prevailing direction, Southeast

Total movement, 88

Average hourly velocity, 3.7

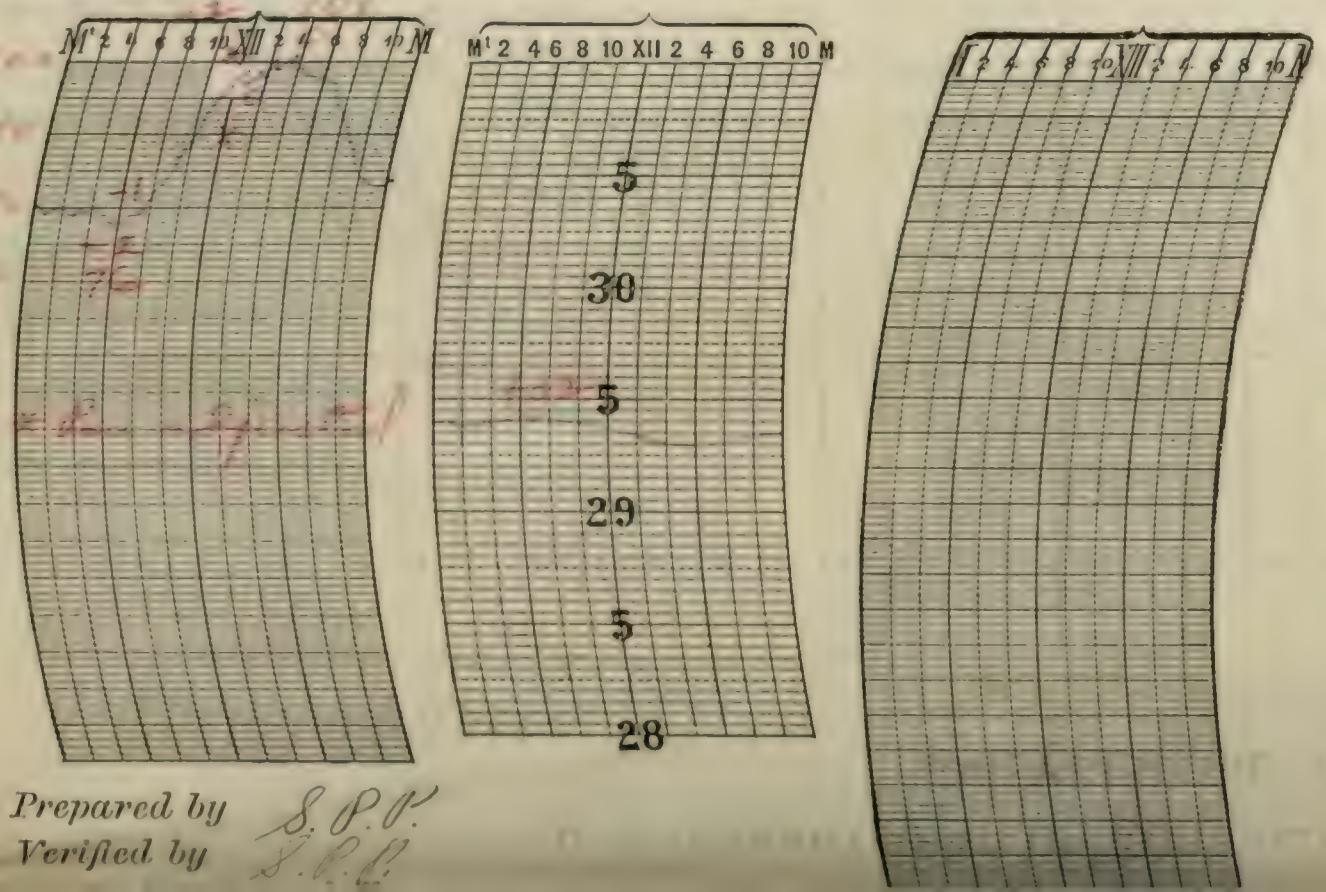
Maximum velocity,	Direction,	Time.
9	SW	11:45 a.m.

Relative humidity, 82 a. m. ____ p. m.

Reduced barometer, 30.[illegible] a. m. ____ p. m.

River gage, 12.9 [illegible]

NOTES.



Prepared by S. P. P.

Verified by S. P. P.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Tuesday, (Date) JUL 4 1911, 191

Time (local standard), 90th mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	84	82	83	79	73	74	79	80	85	90	94	96
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions						←					Clear	
Sunrise: Time, Character,	4:29 Clear											
Sunshine (in tenths of hours)					.52 0	1.0 0	0.4 0.6	1.0	1.0	1.0	1.0	1.0
Wind direction	S	S	SW	SW	E	E	E	E	SE	SE	SW	SW
Wind movement	3	2	2	2	4	3	3	1	3	5	8	10

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	98	99	99	99	99	98	95	92	87	85	[illegible]	
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions									→			
Sunset: Time, Character,									7:31 Clear			
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	1.0	1.0	0.6 0.4	.52 0				
Wind direction	SW	SW	SW	SW	SW	SW	S	S	S	S	S	S
Wind movement	12	10	10	9	7	7	5	2	2	4	5	3

Maximum velocities (exceeding 25 miles)

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
99	73	86	74

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear (0) Moon phase,

Actual sunshine, hours, 15.0

Possible sunshine, hours, 15.0

Percentage of possible sunshine, 100

Prevailing direction, Southwest

Total movement, 122

Average hourly velocity, 5.1

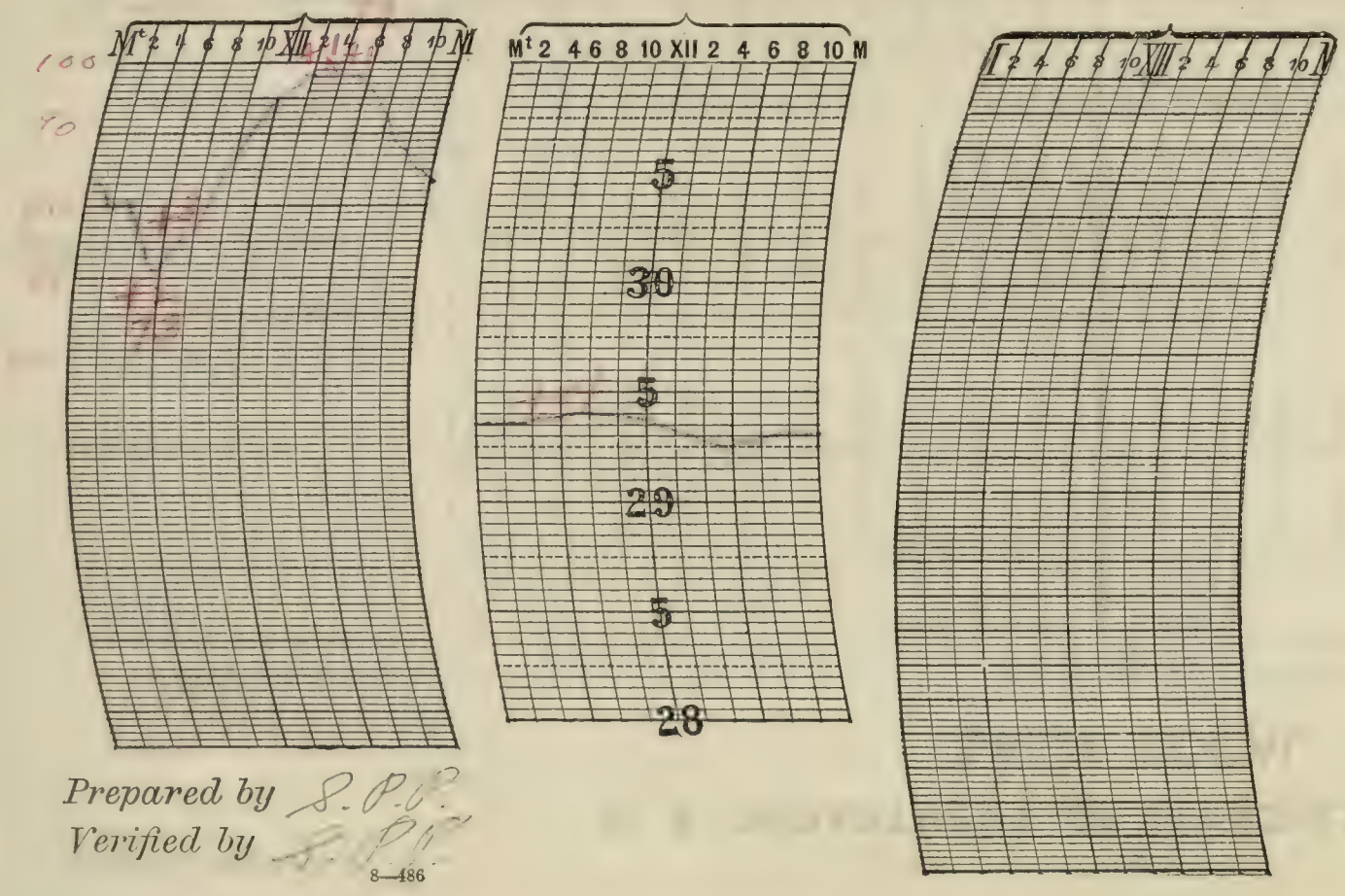
Maximum velocity,	Direction,	Time.
14	SW	1:57 pm

Relative humidity, 66 a. m. p. m.

Reduced barometer, 30.0 a. m. p. m.

River gage, 12.9 Stationary

NOTES.



Prepared by S. P. C.

Verified by S. P. C.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) LASALLE ILL., (Day of week) Wednesday, (Date) JUL 5 1911, 191

Time (local standard), 90th mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	83	83	82	82	81	78	82	86	89	93	97	99	99	101	100	100	99	99	97	94	92	90	88	[illegible]
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						←	—	—	—	—	Clear	✓									—	—	—	→ 0.2
Sunrise: Time, Character,	4:30 Clear																				Sunset: Time, Character, 7:31 Clear			
Sunshine (in tenths of hours)					.50 0	1.0 0	0.2 0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.9 0.1	.2 0				
Wind direction	S	SW	SW	SW	SW	S	SE	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	0	S	S	SW	NW
Wind movement	2	2	4	5	4	2	2	6	7	7	8	11	9	11	9	10	9	8	5	0	6	9	10	14
Maximum velocities (exceeding 25 miles)																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
101	78	90	[illegible]

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear (0) Moon phase,

Actual sunshine, hours, 15.0

Possible sunshine, hours, 15.0

Percentage of possible sunshine, 1.00

Prevailing direction, Southwest

Total movement, 160

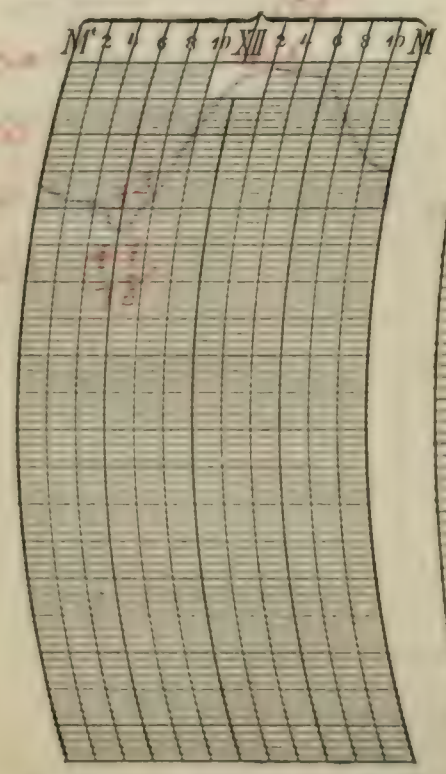
Average hourly velocity, 6.7

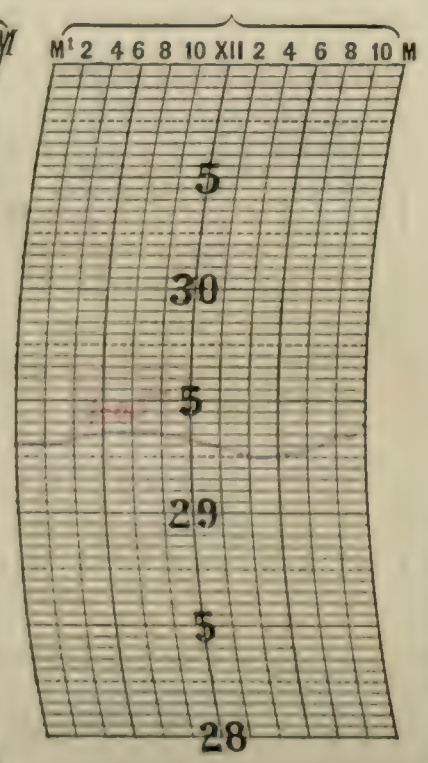
Maximum velocity,	Direction,	Time.
22	NW	11:30 p.m.

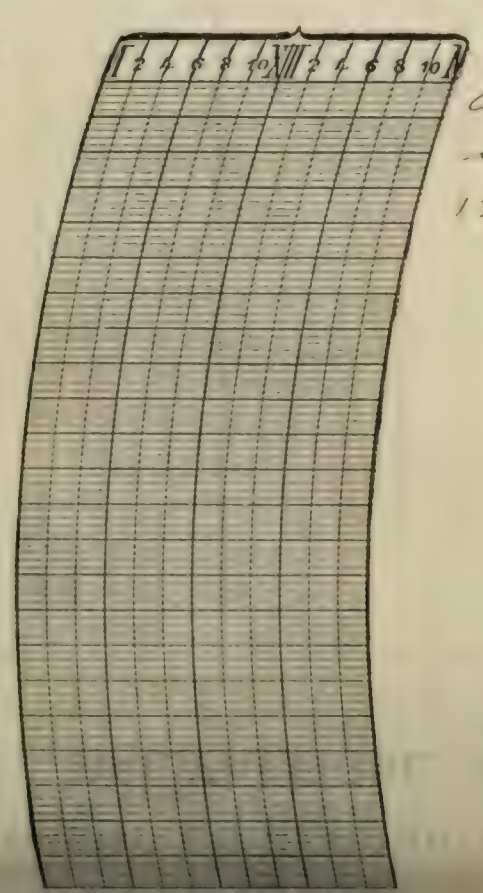
Relative humidity, 67 a. m. p. m.

Reduced barometer, 29.9 a. m. p. m.

River gage, 12.2 Falling







NOTES.

Lightning was observed in the northwest between 10:30 p.m. and 12:00 p.m.

Prepared by S. P. P.

Verified by S. P. P.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Thursday, (Date) JUL 6 1911, 191

Time (local standard), 90th mer.

1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	78	76	76	76	76	76	74	72	73	74	77	84
Nature of precipitation and time of beginning and ending					RB 4:25		RE 6:40	RB 7:02	RE 8:40			
Amounts of precipitation					T	.04	.05	.07	T			
Cloudiness and other conditions	Cloudy											
Sunrise: Time, Character,	4:30 Cloudy											
Sunshine (in tenths of hours)					0	0	0	0	0	0.1	1.0	1.0
Wind direction	NW	NE	E	E	NW	NW	W	NE	NE	NE	NE	NE
Wind movement	15	3	6	4	4	4	3	2	4	6	6	4

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	86	90	89	86	81	79	78	75	72	70	65	
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Partly Cloudy			Cloudy			Partly Cloudy					
Sunset: Time, Character,									7:31 Cloudy			
Sunshine (in tenths of hours)	1.0	1.0	1.0	0.6	0	0	0	0				
Wind direction	SE	SE	N	N	NE	NE	NE	E	NE	NE	NE	NE
Wind movement	5	4	5	8	11	12	9	13	10	6	6	6

Excessive precipitation, accumulated amounts

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Maximum.	Minimum.	Mean.	Normal.
90	66	78	75

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .09 ins.; to 7 p. m., .07 ins.

Total precipitation, midnight to midnight, .16 inches.

Character of day, Cloudy (8) Moon phase,

Actual sunshine, hours, 5.7

Possible sunshine, hours, 15.0

Percentage of possible sunshine, 38

Prevailing direction, Northeast

Total movement, 156

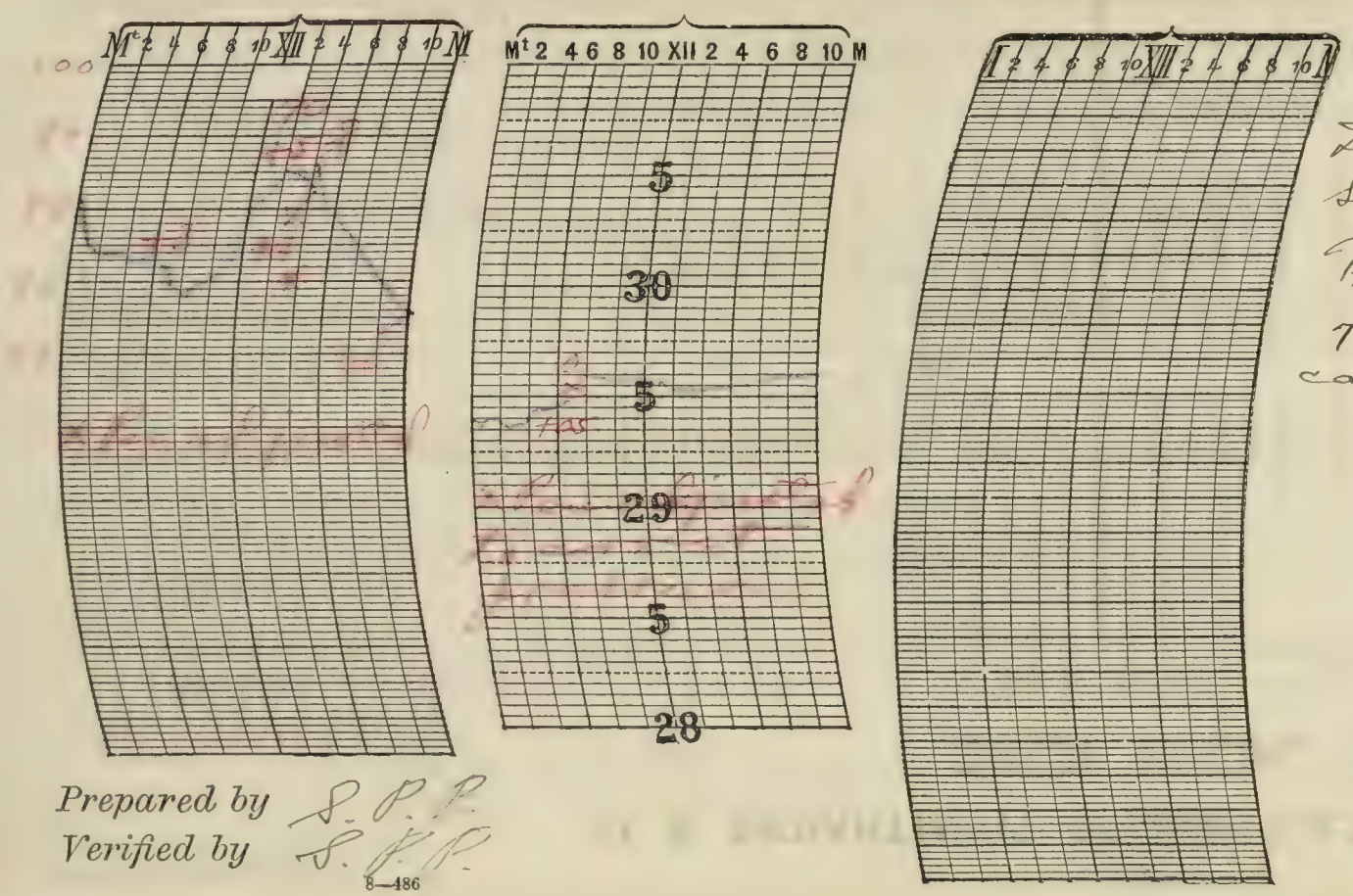
Average hourly velocity, 6.5

Maximum velocity,	Direction,	Time.
22	NW	12:27 a.m.

Relative humidity, 89 a. m. p. m.

Reduced barometer, 30.11 a. m. p. m.

River gage, 12.7 Falling



NOTES.

Thunderstorm; first thunder 5:00 a.m.; last thunder 5:50 a.m. Storm came from northwest.

Thunderstorm; first thunder 7:10 a.m.; last thunder 8:05 a.m.; storm came from west.

Prepared by S. P. P.

Verified by S. P. P.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) LA SALLE ILL., (Day of week) Friday, (Date) JUL 7 1911, 191

Time (local standard), 90th mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	60	64	63	63	64	65	69	72	76	82	86	90	92	94	95	95	93	93	71	71	72	72	73	70
State of weather: Nature of precipitation and time of beginning and ending																		RB 5:04 RE 5:27	RB 6:23	RE 7:40				
Amounts of precipitation																		T	.42	.01				
Cloudiness and other conditions						Cloudy			Pt Cloudy								Cloudy							
Sunrise: Time, 4:31 Character, Cloudy																					Sunset: Time, 7:31 Character, Cloudy			
Sunshine (in tenths of hours)					0	0	0	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	0.4	0	0				
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	E	E	E	SE	NE	NE	NE	SE	E	E	E	E	E
Wind movement	5	7	5	5	5	6	7	7	7	4	2	5	4	5	3	3	6	7	16	4	6	8	6	7
Maximum velocities (exceeding 25 miles)																			6:24 SE 30					

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts: 6:23 pm	7:40 pm	0.43	6:27 pm	6:47 pm	.01	.12	.17	.3	.05										

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
95	63	77	75

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., .43 ins.

Total precipitation, midnight to midnight, .43 inches.

Character of day, Pt Cloudy Moon phase.

Actual sunshine, hours, 9.3

Possible sunshine, hours, 15.0

Percentage of possible sunshine, 62

Prevailing direction, Northeast

Total movement, 141

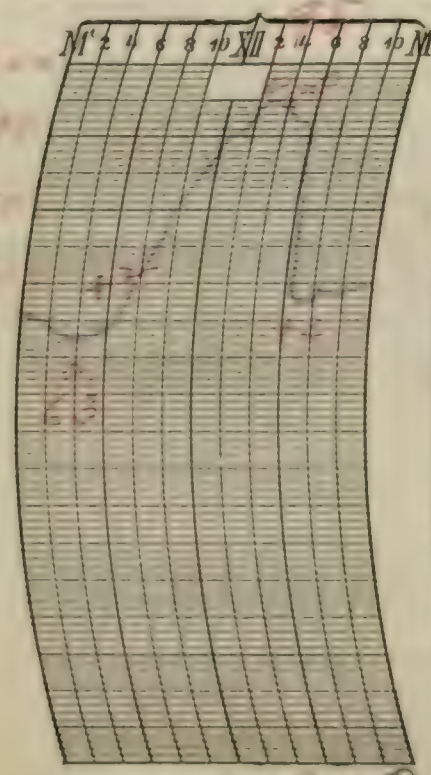
Average hourly velocity, 5.9

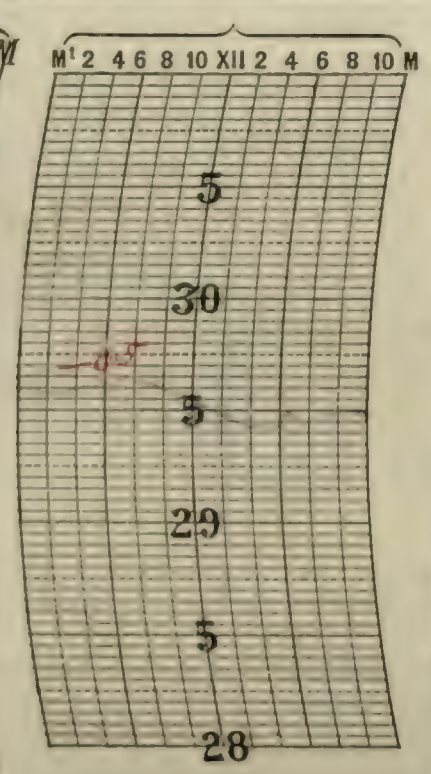
Maximum velocity,	Direction,	Time
30	SE	6:28 pm

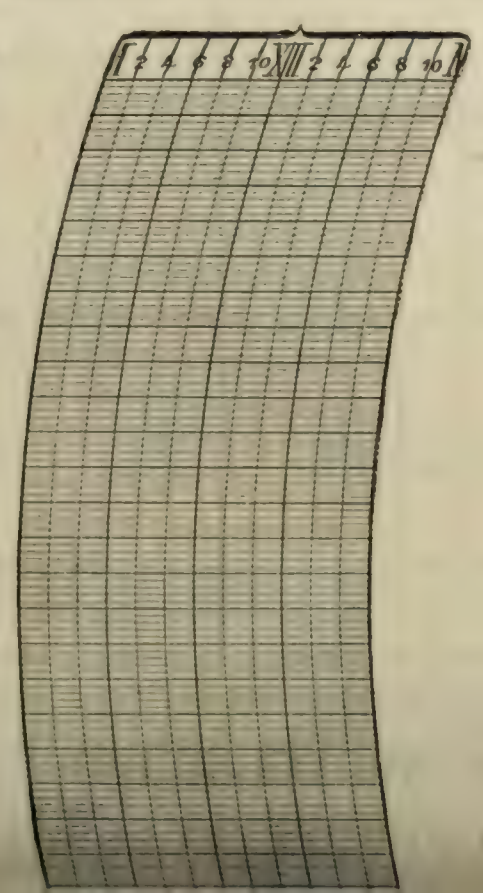
Relative humidity, 71 a. m. p. m.

Reduced barometer, 30.14 a. m. p. m.

River gage, 12.8 Rising







NOTES.

Thunderstorm: first heard 5:45 p, last heard 7:35 pm; came from southwest.

Prepared by S. V. H.

Verified by

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Saturday (Date) JUL 8 1911, 191

Time (local standard), 90th mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	72	72	72	72	72	73	77	80	[illegible]		88	89
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions						← Clear						
Sunrise: Time, Character, 4:31 Clear												
Sunshine (in tenths of hours)					.48 0	1.0 0	1.0	1.0	1.0	1.0	1.0	1.0
Wind direction	E	E	E	SE	SE	SE	S	S	S	SW	SW	S
Wind movement	7	6	4	3	2	1	3	4	5	6	7	10
Maximum velocities (exceeding 25 miles)												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	91	92	92	91	91	90	87	85	83	82	80	75
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions												
Sunset: Time, Character, 7:30 Clear												
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	0.9	1.0	.4 0.6	.50 0				
Wind direction	S	S	S	S	S	S	S	S	S	S	S	S
Wind movement	11	11	13	12	12	10	9	6	7	7	7	7
Maximum velocities (exceeding 25 miles)												

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
92	72	82	75

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .01 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear (1) Moon phase,

Actual sunshine, hours, 14.9

Possible sunshine, hours, 15.0

Percentage of possible sunshine, 99

Prevailing direction South

Total movement, 170

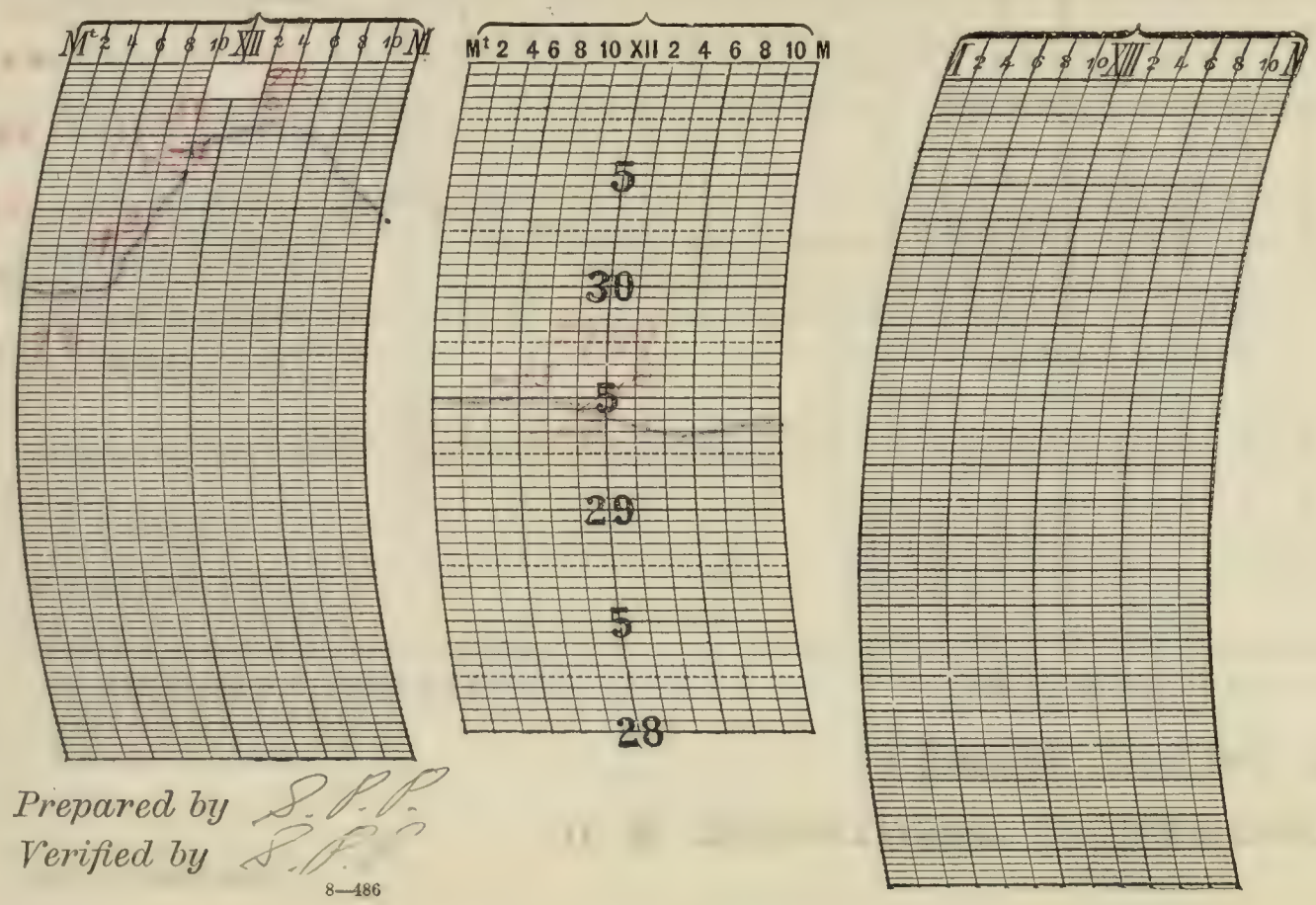
Average hourly velocity, 7.1

Maximum velocity,	Direction,	Time.
17	SW	2:55 p. m.

Relative humidity, 79 a. m. ____ p. m.

Reduced barometer, 30.01 a. m. ____ p. m.

River gage, 12.9 Rising



NOTES.

Prepared by S. P. P.

Verified by S. P.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Sunday, (Date) JUL 9 1911, 191

Time (local standard), 90th mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	77	76	75	74	73	76	78	79	82	83	86	88	89	91	91	92	93	92	80	77	76 RB 8:45	74	74	73
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																					.01	.29	.19	.05
Clouds and other conditions						←			Clear									→	Cloudy					
Sunshine (in tenths of hours)					.47 0	0.6 0.4	1.0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0	0				
Wind direction	S	S	S	S	SE	SE	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	NW	NW	NW	SW	W	W
Wind movement	8	8	6	4	2	3	9	14	12	14	15	14	16	15	16	15	14	12	14	9	5	8	7	2
Maximum velocities (exceeding 7 miles)																								

Sunrise: Time, 4:32; Character, Clear

Sunset: Time, 7:30; Character, Cloudy

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
93	73	83	75

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, .54 inches.

Character of day, Clear (2) Moon phase,

Actual sunshine, hours, 13.3

Possible sunshine, hours, 15.0

Percentage of possible sunshine, 89

Prevailing direction, Southwest

Total movement, 242

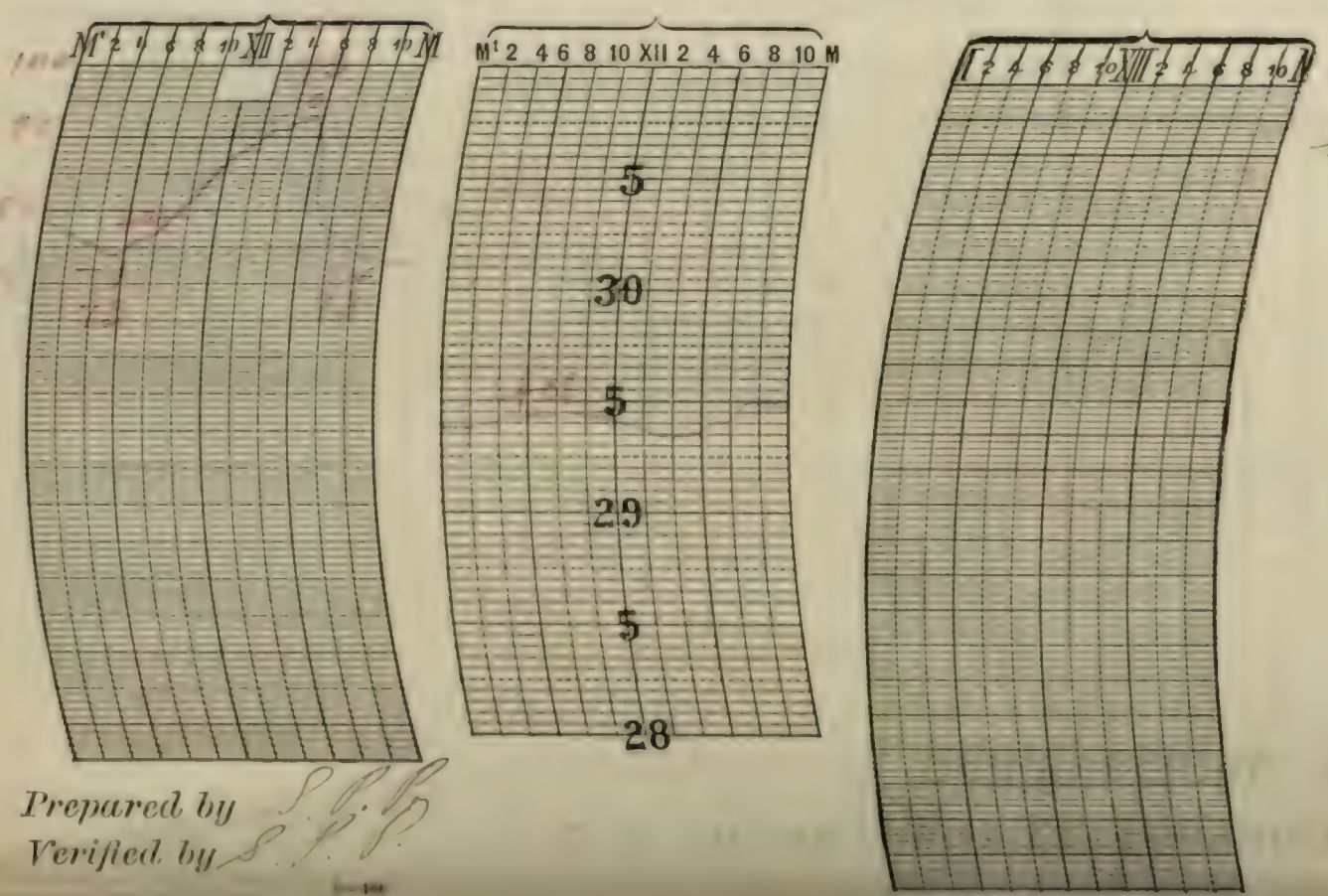
Average hourly velocity, 10.1

Maximum velocity,	Direction,	Time.
21	NW	6:35 pm

Relative humidity, 77 a. m. p. m.

Reduced barometer, 30.00 a. m. p. m.

River gage, 12.9 Stationary.



NOTES.

Thunderstorm: first heard 6:15 p; last heard 10:10 pm; came from northwest.

Prepared by S. G. B.

Verified by S. G. B.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LASALLE ILL., (Day of week) Monday, (Date) JUL 10 1911, 191

Time (local standard), 75th mer. — hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	74	74	74	74	74	74	74	74	75	75	77	80	83	86	87	89	90	90	89	86	84	83	82	77
State of weather: Nature of precipitation and time of beginning and ending			RE																					
Amounts of precipitation	.05	.01																						
Cloudiness and other conditions					—	Cloudy							×	PtCldy					×	Clear				
Sunshine (in tenths of hours)					0	0	0	0	0	0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4 0.6	.50 0				
Wind direction	× S	× SW	SW	SW	SW	SW	SW	S	S	SW	SW	SW	W	SW	SW	SW	SW	SW	SW	S	S	SW	SW	SW
Wind movement	3	4	4	6	4	2	2	2	4	6	6	9	8	9	10	9	8	7	7	3	2	3	4	7
Maximum velocities (exceeding ___ miles)																								

Sunrise: Time, 4:33; Character, Cloudy

Sunset: Time, 7:30; Character, Clear

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Maximum.	Minimum.	Mean.	Normal.
90	73	82	75

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .60 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, .06 inches.

Character of day PtCldy (5) Moon phase,

Actual sunshine, hours, 9.5

Possible sunshine, hours, 15.0

Percentage of possible sunshine, 63

Prevailing direction Southwest

Total movement, 129

Average hourly velocity, 5.4

Maximum velocity,	Direction,	Time.
13	SW	1:40 pm

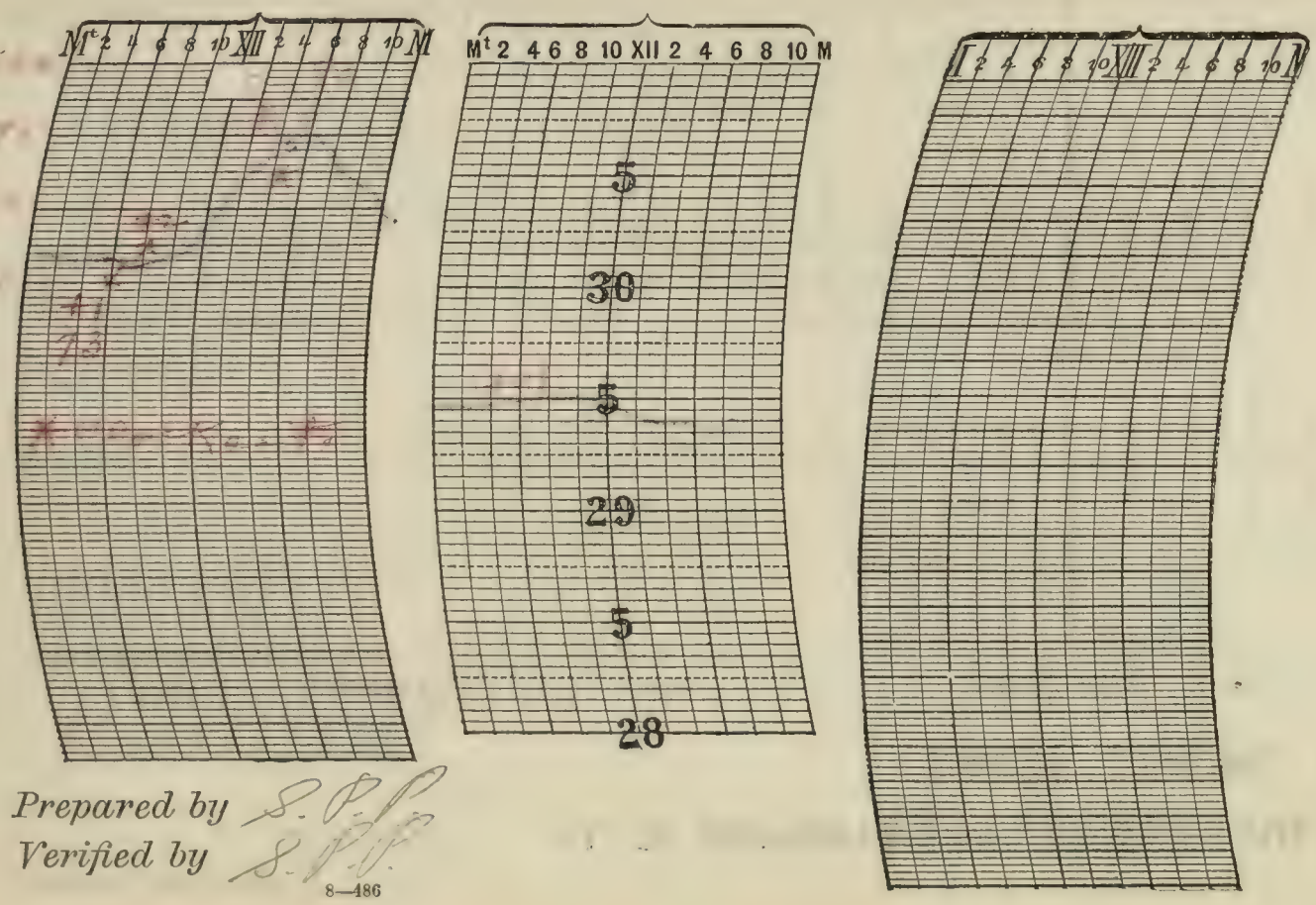
Relative humidity, 95 a. m. ____ p. m.

Reduced barometer, 30.07 a. m. ____ p. m.

River gage, 12.9 Stationary

NOTES.

× Interpolated.



Prepared by S. P. S.

Verified by S. P. S.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Tuesday, (Date) [illegible], 191

Time (local standard), 90th mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	79	80	79	79	78	77	79	79	81	81	85	87
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					< Clear			> < Cloudy			> < P.C.	
Sunrise: Time, Character	4:33 Clear											
Sunshine (in tenths of hours)					0	0	0.8	0.6	0.8	0.8	1.0	1.0
Wind direction	SW	SW	SW	SW	W	SW	W	SW	SW	SW	SE	SE
Wind movement	8	10	9	9	5	6	3	3	5	3	4	5

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	89	91	92	93	93	93	88	83	81	78	75	77
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions		< Clear										
Sunset: Time, Character									7:29 Clear			
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0				
Wind direction	S	SW	W	W	W	W	W	W	W	W	W	W
Wind movement	4	6	8	8	8	5	5	7	4	5	2	2

State of weather.

Maximum velocities (exceeding 20 miles)

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min	120 min.

Excessive precipitation, accumulated amounts

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
93	77		

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear (3) Moon phase 0 6 [illegible]

Actual sunshine, hours, 14.0

Possible sunshine, hours, 14.9

Percentage of possible sunshine, 94

Prevailing direction, Southwest

Total movement, 134

Average hourly velocity, 5.6

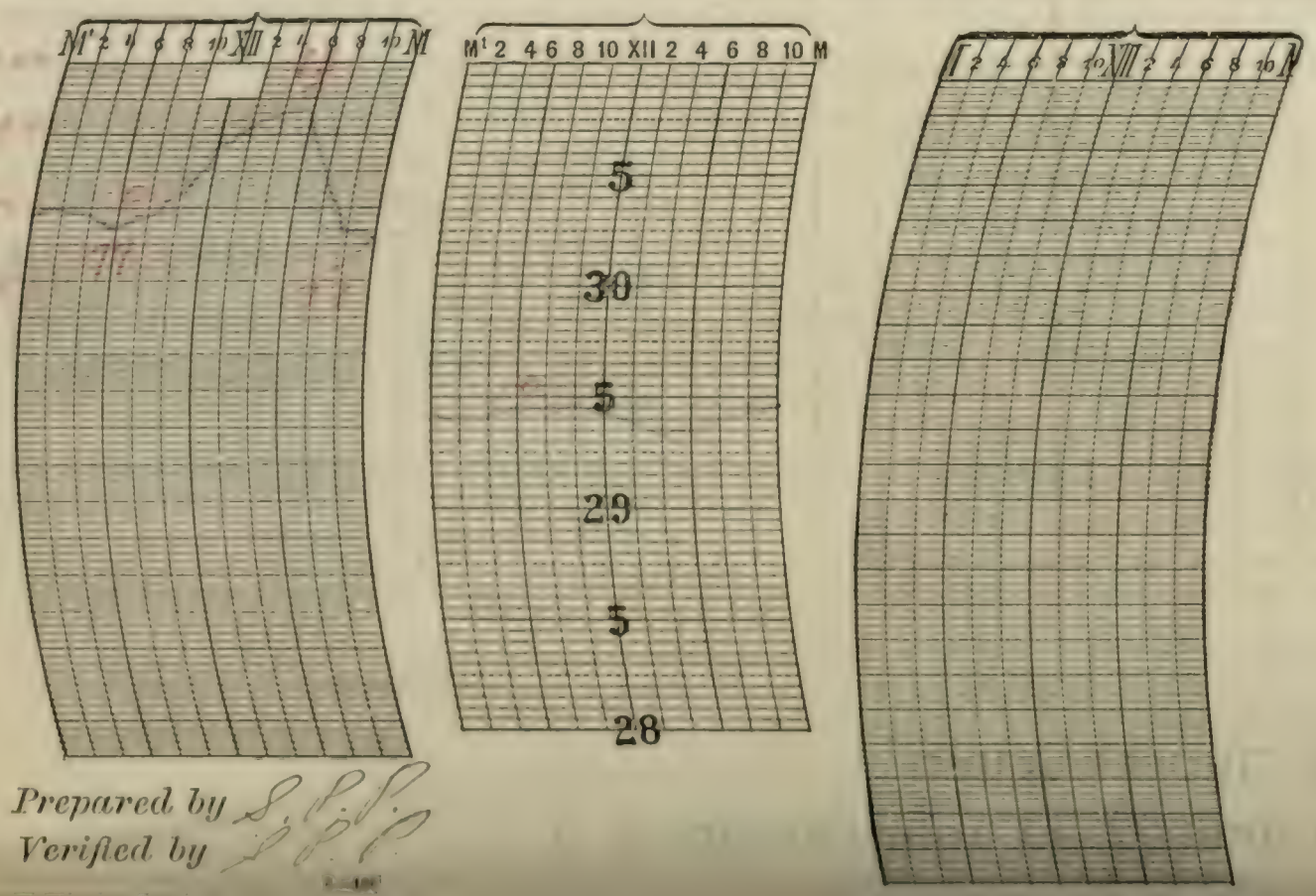
Maximum velocity.	Direction.	Time.
12	SW	1:30 a.m.

Relative humidity, 75 a. m. p. m.

Reduced barometer, 30.01 a. m. p. m.

River gage, 13.0 Rising

NOTES.



Prepared by [illegible]

Verified by [illegible]

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE ILL, (Day of week) Wednesday, (Date) JUL 12 1911, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	76	72	69	67	64	63	68	68	70	73	76	75	78	79	82	82	82	82	79	74	71	70	68	66
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						Cldy							Clear											
Sunshine (in tenths of hours)					0	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	0				
Wind direction	N	N	NE	N	N	N	N	N	N	N	NW	NW	NW	NW	NW	NW	NW	N	NW	NW	NW	N	N	N
Wind movement	4	8	5	3	7	5	6	8	8	8	7	8	8	10	8	10	8	8	4	4	7	6	3	1
Maximum velocities (exceeding 25 miles)																								

Sunrise: Time, 4:34; Character, Clear

Sunset: Time, 7:29; Character, Clear

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

	Maximum.	Minimum.	Mean.	Normal.
	83	63	73	75

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear (1) Moon phase,

Actual sunshine, hours, 14.9

Possible sunshine, hours, 14.9

Percentage of possible sunshine, 100

Prevailing direction, North

Total movement, 154

Average hourly velocity, 6.4

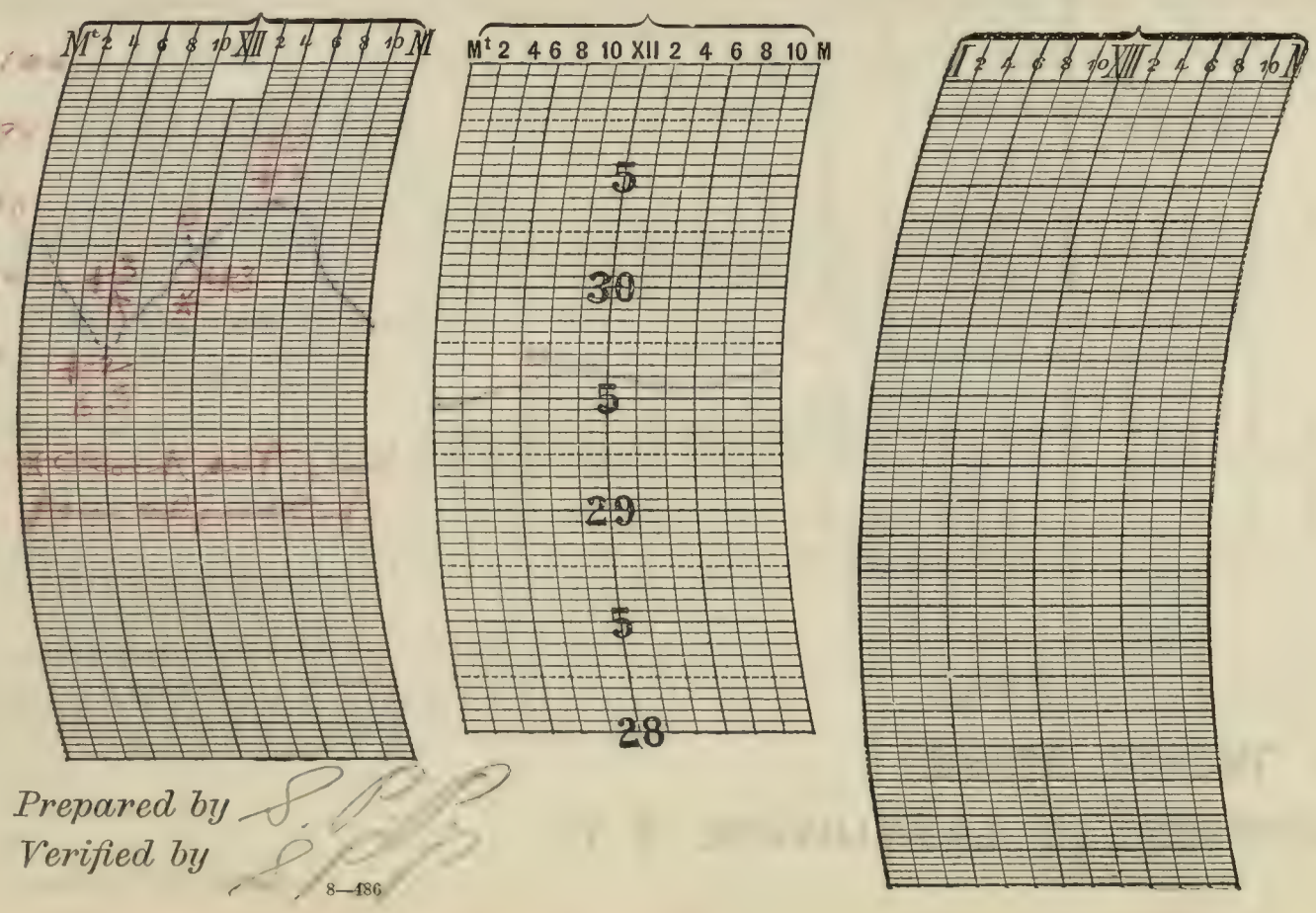
Maximum velocity,	Direction,	Time.
12	NW	3:38 pm

Relative humidity, 57 a. m. p. m.

Reduced barometer, 30.15 a. m. p. m.

River gage, 12.8 Falling

NOTES.



Prepared by S.

Verified by S.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) LA [illegible] ILL, (Day of week) Thursday, (Date) JUL 13 1911 191

Time (local standard), 90° mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	65	64	63	63	65	66	68	68	69	75	78	82
State of weather: Nature of precipitation and time of beginning and ending						RB 5:20	RE 6:13	RB 7:35	RE 8:10			
Amounts of precipitation						T	T	T	T			
Cloudiness and other conditions						← Cloudy					→ P.C.	
Sunshine (in tenths of hours)					0	0	0	0	0	0.7	1.0	1.0
Wind direction	N	N	N	N	N	N	SW	SW	W	SW	SW	NW
Wind movement	1	1	1	2	5	7	1	2	2	4	4	5

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	83	85	85	86	84	85	84	80	76	71	68	[illegible]
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					→ P.C.		← Clear					
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	0.2	0.9	0.5	0				
Wind direction	NW	NW	NW	NW	NW	NW	W	W	W	W	W	W
Wind movement	6	4	7	6	5	5	4	3	1	1	1	1

Sunrise: Time, 4:35 Character, Cloudy

Sunset: Time, 7:28 Character, Clear

Maximum velocities (exceeding 25 miles)

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts.

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
86	63	75	[illegible]

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., T ins.; to 7 p. m., 1 ins.

Total precipitation, midnight to midnight, T inches

Character of day, Cloudy Moon phase,

Actual sunshine, hours, 9.2

Possible sunshine, hours, 14.9

Percentage of possible sunshine, 62

Prevailing direction Northwest & West.

Total movement, 79

Average hourly velocity, 3.3

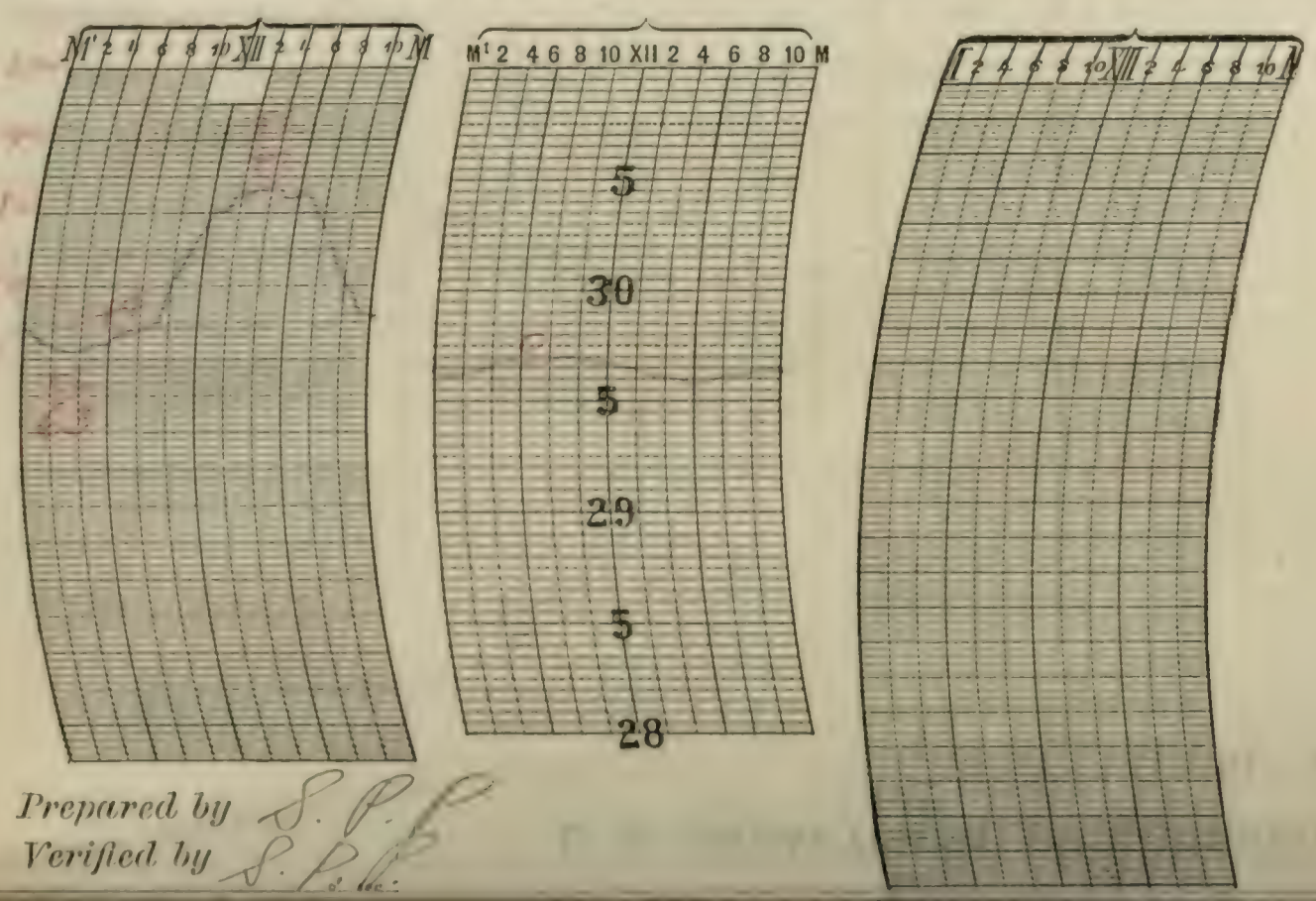
Maximum velocity.	Direction.	Time.
10	N	[illegible]

Relative humidity, 72 a. m. p. m.

Reduced barometer, 30.23 a. m p. m.

River gage, 12.7 Falling

NOTES.



Prepared by S. P.

Verified by S. P.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Friday, (Date) JUL 1 1910, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	67	66	65	65	63	64	68	75	80	83	83	84
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions						← Clear						
Sunrise: Time, 4:36 Character, Clear												
Sunshine (in tenths of hours)					.40 0	0.7 0.3	1.0	1.0	1.0	1.0	1.0	1.0
Wind direction	W	W	W	W	W	W	W	W	W	NW	NW	NW
Wind movement	1	2	3	3	2	3	3	5	5	5	11	13
Maximum velocities (exceeding 25 miles)												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	84	84	84	83	84	83	82	79	74	70	66	66
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions												
Sunset: Time, 7:28 Character, Clear												
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0				
Wind direction	NW	NW	NW	NW	NW	NW	NW	NW	NW	0	0	NW
Wind movement	12	13	11	11	10	8	4	2	2	0	0	2
Maximum velocities (exceeding 25 miles)												

	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
84	62	73	76

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear (1) Moon phase,

Actual sunshine, hours, 14.9

Possible sunshine, hours, 14.9

Percentage of possible sunshine, 100

Prevailing direction, Northwest

Total movement, 128

Average hourly velocity, 5.3

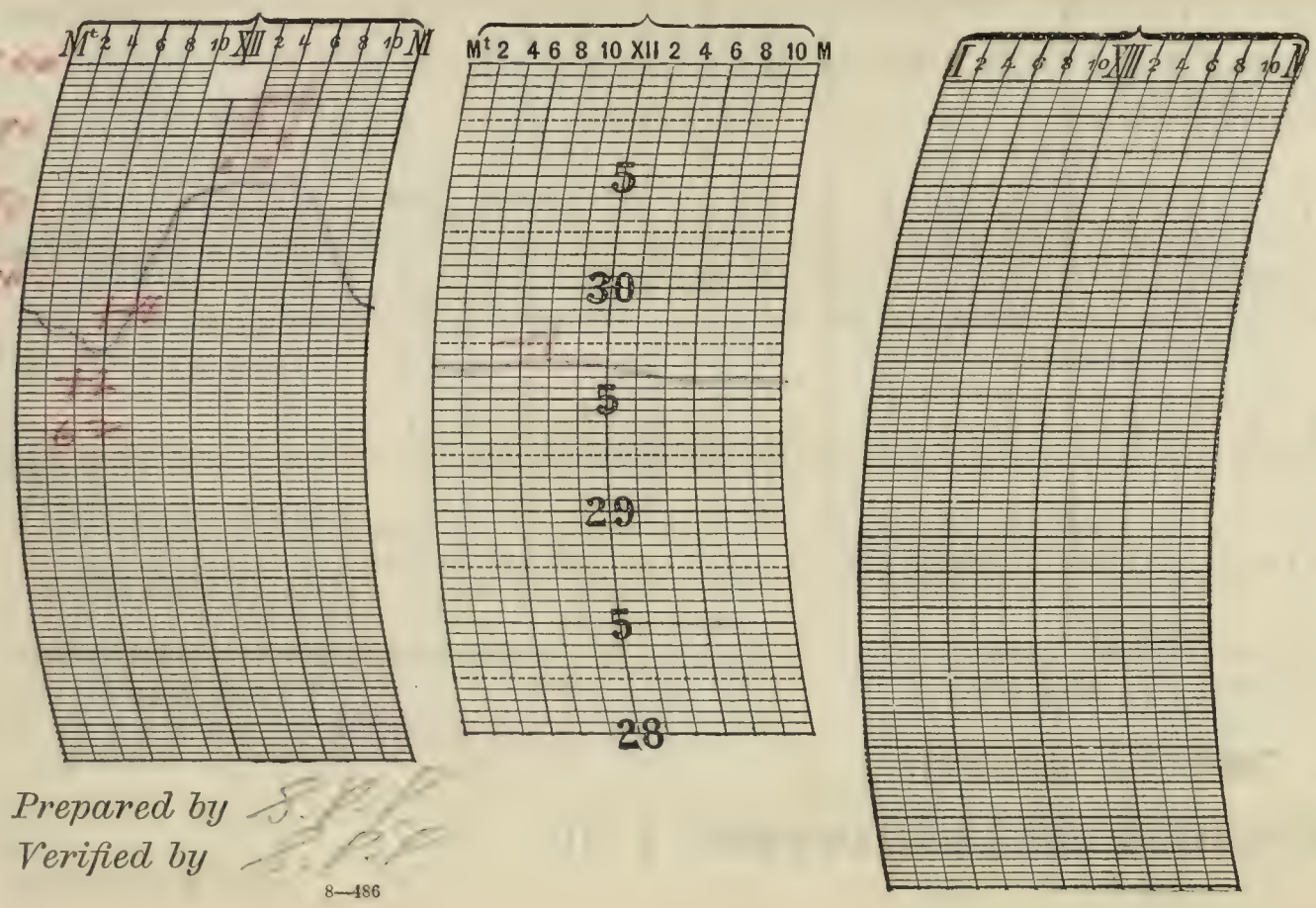
Maximum velocity,	Direction,	Time.
16	NW	2:00 p.m.

Relative humidity, 69 a. m. p. m.

Reduced barometer, a. m. p. m.

River gage, 12.8 Rising

NOTES.



Prepared by

Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Saturday, (Date) JUL 15 1911, 191

Time (local standard), 90th mer. — 6 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	66	66	66	65	65	65	71	71	73	81	82	85
Nature of precipitation and time of beginning and ending							RB 6:08 RE 6:35					
Amounts of precipitation							T					
Cloudiness and other conditions						Cloudy		× P.C.		× Clear		
Sunrise: Time, Character	4:36 Cloudy											
Sunshine (in tenths of hours)					0	0	0	0	0.2	1.0	1.0	1.0
Wind direction	NW	S	SW	SW	SW	SW	N	N	SW	SW	SW	SW
Wind movement	2	4	5	6	5	6	9	7	7	9	13	11
Maximum velocities (exceeding 25 miles)												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	90	92	92	91	91	89	86	77	75	76	75	75
Nature of precipitation and time of beginning and ending								RB 7:17 RE 7:55				
Amounts of precipitation								T				
Cloudiness and other conditions			×	Cloudy		×	Cloudy					
Sunset: Time, Character									7:27 Cloudy			
Sunshine (in tenths of hours)	1.0	1.0	1.0	0.8	0.9	0	0	0				
Wind direction	SW	SW	SW	SW	SW	SW	W	W	N	SE	SW	W
Wind movement	12	12	11	10	10	10	5	17	5	4	9	6
Maximum velocities (exceeding 25 miles)								7:15 W 25				

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

	Maximum.	Minimum.	Mean.	Normal.
	92	65	77	

Total depth of snow for 24 hours ending — p. m., 0 inches.

Snow on ground — p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., T ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, T inches.

Character of day: Partly cloudy (6). Moon phase.

Actual sunshine, hours, 7.9

Possible sunshine, hours, 14.8

Percentage of possible sunshine, 53

Prevailing direction, Southwest

Total movement, 195

Average hourly velocity, 8.1

Maximum velocity.	Direction.	Time.
25	NW	7:15 pm

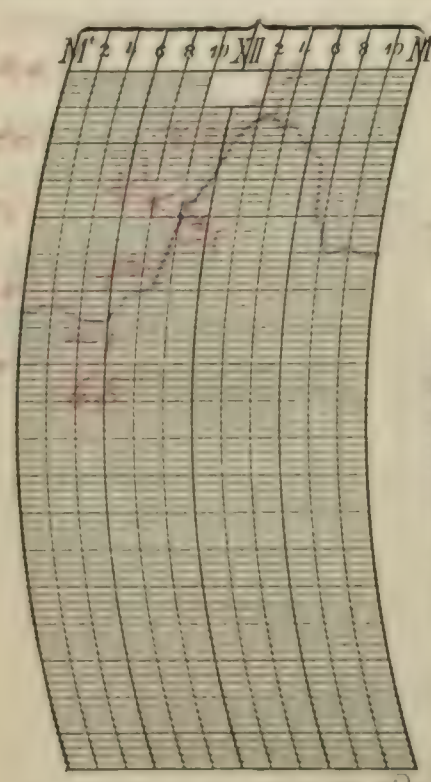
Relative humidity, 51 a. m. — p. m.

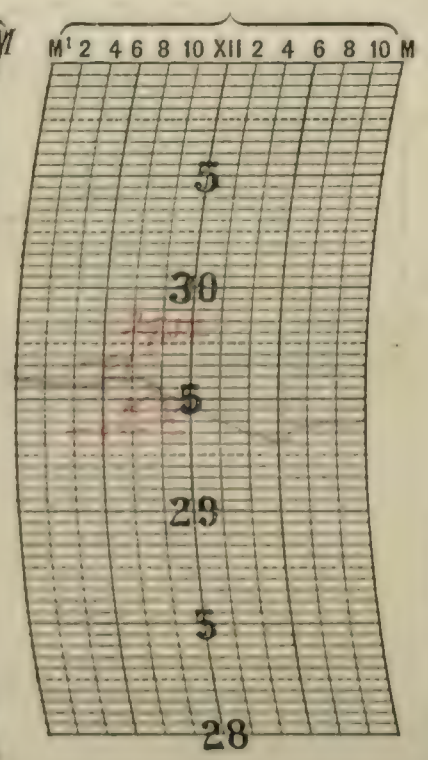
Reduced barometer, 30.15 a. m. — p. m.

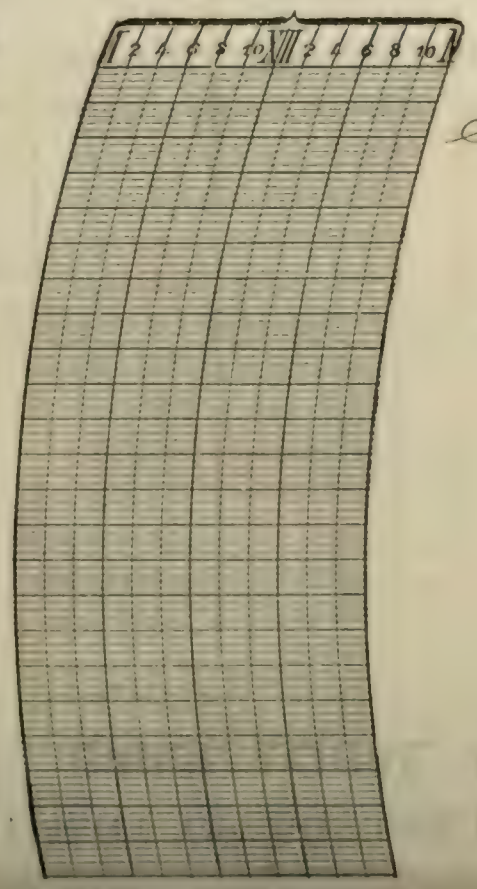
River gage, 12.7 Falling

NOTES.

Thunderstorm: first heard 5:45 pm; last heard 8:10 pm; came from SW.







Prepared by S. S. S.

Verified by S. S. S.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., *(Day of week)* Sunday, *(Date)* JUL 16 1911, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	73	72	72	72	69	68	67	68	69	71	75	76
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions						←	—	—	—	Clear	✓	
Sunrise: Time, 4:37 Character, Clear												
Sunshine (in tenths of hours)					.38 0	1.0 0	0.2 0.8	1.0	1.0	1.0	1.0	1.0
Wind direction	SW	SW	SW	SW	W	N	N	NE	N	W	W	W
Wind movement	7	6	4	5	3	7	10	10	9	10	11	11
Maximum velocities (exceeding 25 miles)												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	77	78	78	77	77	76	75	70	68	65	65	62
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	—	—	—	←	Pt Cloudy	→	Clear					
Sunset: Time, 7:26 Character, Cloudy												
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	1.0	0.6	0.5	.20 0				
Wind direction	W	W	W	W	W	N	W	W	W	N	NE	NE
Wind movement	10	12	12	11	12	8	7	4	5	4	5	5
Maximum velocities (exceeding 25 miles)												

Maximum.	Minimum.	Mean.	Normal.
78	62		76

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., T ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Actual sunshine, hours, 13.7

Possible sunshine, hours, 14.8

Percentage of possible sunshine, 93

Prevailing direction, Northwest

Total movement, 188

Average hourly velocity, 7.8

Maximum velocity.	Direction.	Time.
16	W	1:52 pm

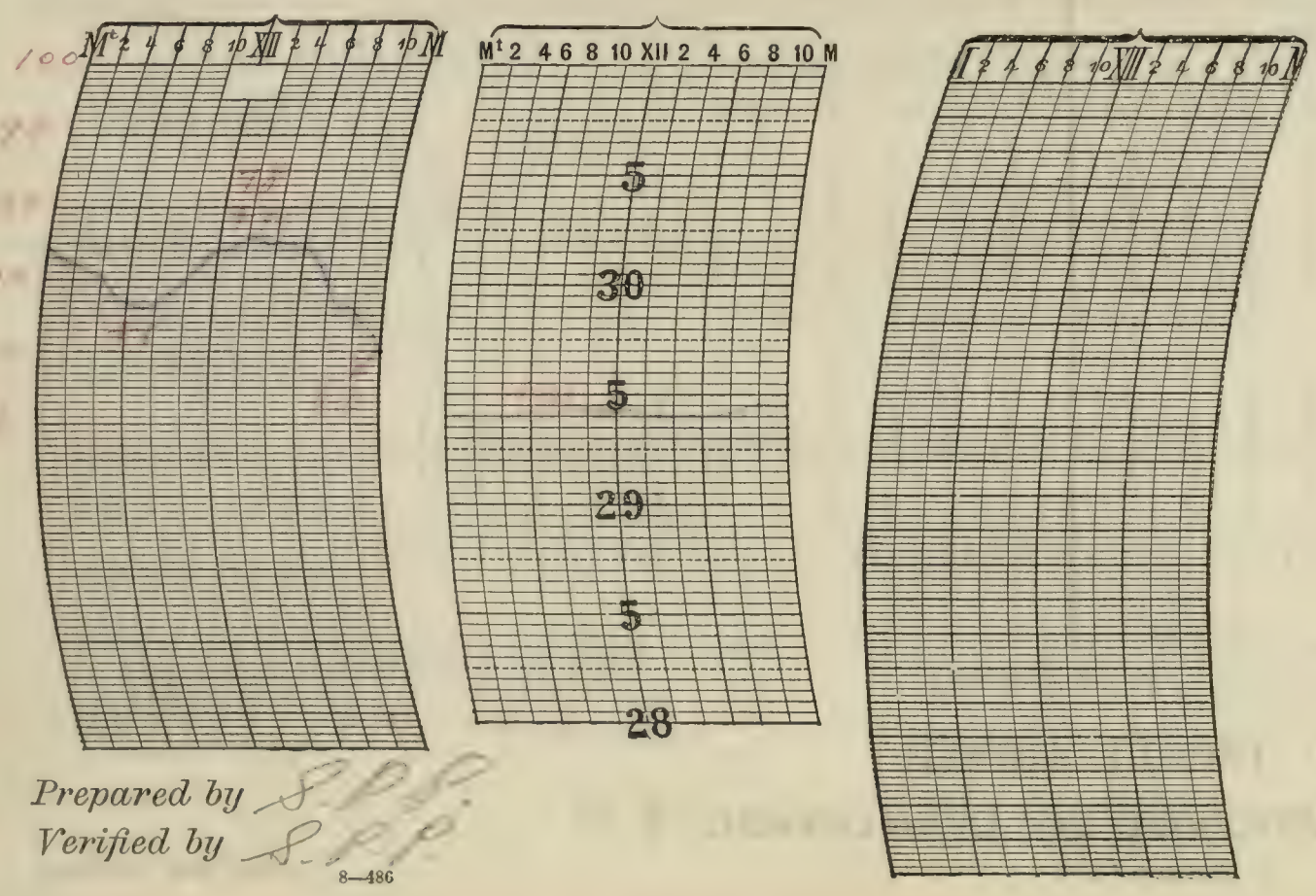
Relative humidity, 65 a. m. ____ p. m.

Reduced barometer, 29.99 a. m. ____ p. m.

River gage, 12.7 Stationary

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

NOTES.



Prepared by S. P. P.

Verified by S. P. P.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) LA SALLE ILL., (Day of week) Monday, (Date) JUL 17 1911, 191

Time (local standard) 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	60	59	56	55	54	56	59	64	71	72	74	75	75	78	80	80	79	79	78	73	67	65	63	62
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					← Clear				→ ← Partly			→	← Clear											
Sunrise: Time, 4:38 Character, Clear																					Sunset: Time, 7:26 Character, Clear			
Sunshine (in tenths of hours)					0	0	0.6	1.0	1.0	0.9	0.8	0.9	0.9	1.0	1.0	1.0	0.9	1.0	0.7	0				
Wind direction	NE	NE	NE	0	NE	0	NE	NE	SW	NW	W	NW	NW	NW	NW	NW	NW	NW	N	NW	NW	NW	NW	NW
Wind movement	2	1	1	0	1	0	3	2	5	6	6	7	7	7	5	5	6	7	2	2	1	1	2	1
Maximum velocities (exceeding 25 miles)																								

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

	Maximum.	Minimum.	Mean.	Normal.
	80	54	67	76

Total depth of snow for 24 hours ending 7 p. m. 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches

Character of day, Clear (2) Moon phase,

Actual sunshine, hours, 14.2

Possible sunshine, hours, 14.8

Percentage of possible sunshine, 96

Prevailing direction, Northwest

Total movement, 80

Average hourly velocity, 3.3

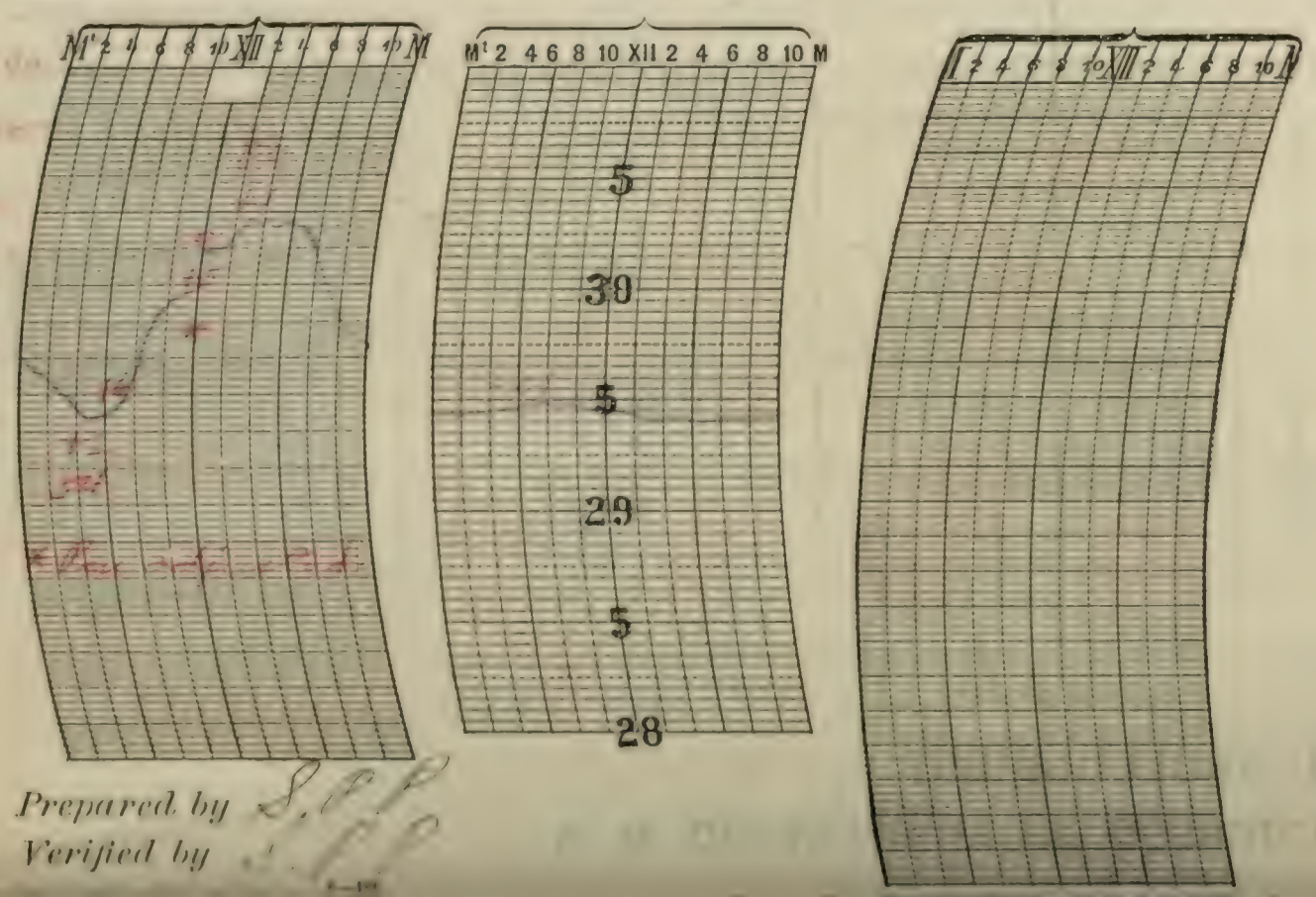
Maximum velocity.	Direction.	Time.
11	NW	1:10 p.m.

Relative humidity, 83 a. m. p. m.

Reduced barometer, 30.04 a. m. p. m.

River gage, 12.5 ft

NOTES.



Prepared by

Verified by

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE ILL., (Day of week) Tuesday, (Date) JUL 18 1911, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	60	59	57	57	59	60	64	72	76	78	81	80
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					← Clear			× Pt. Cldy	× Cloudy			
Sunshine (in tenths of hours)					0	0.2	.35 ϕ 1.0	1.0	1.0	1.0	1.0	1.0
Wind direction	NW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	1	1	1	2	2	5	3	4	9	11	11	12

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	81	82	81	82	82	81	80	78	77	75	75	74
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions							× Pt Cldy	×				
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	ϕ 0.8	ϕ 0.7	ϕ 0.7	ϕ .22				
Wind direction	SW	SW	S	SW	SW	S	S	S	S	S	S	SW
Wind movement	11	14	12	13	12	10	8	8	8	9	9	9

Sunrise: Time, 4:39 Character, Clear

Sunset: Time, 7:25 Character, Cloudy

Maximum velocities (exceeding 25 miles)

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
82	57	70	76

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., ____ ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Pt Cldy (7) Moon phase, ☾ 11:31 pm

Actual sunshine, hours, 13.8

Possible sunshine, hours, 14.8

Percentage of possible sunshine, 93

Prevailing direction, Southwest

Total movement, 185

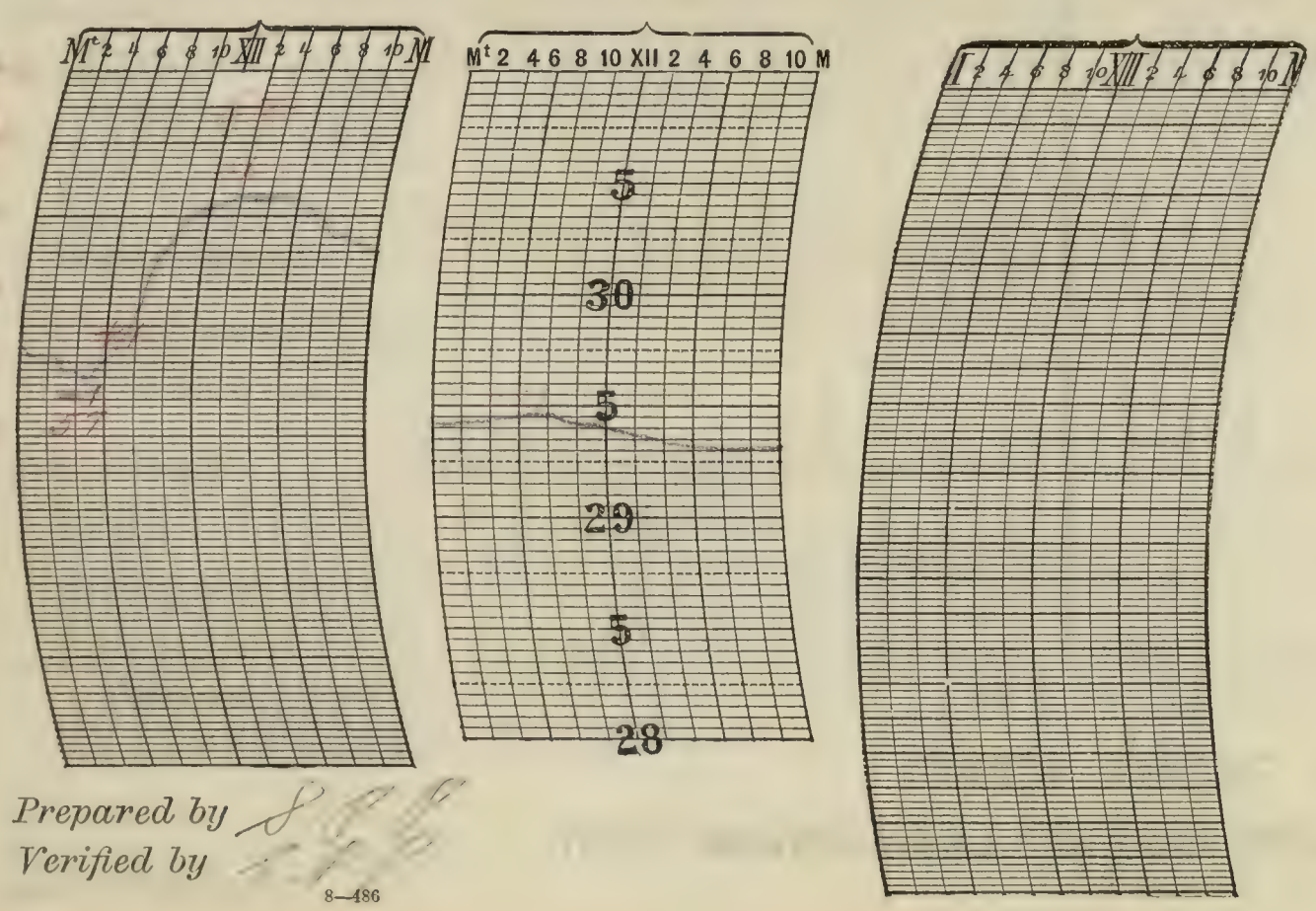
Average hourly velocity, 7.7

Maximum velocity,	Direction,	Time.
17	S	3:47 pm

Relative humidity, 56 a. m. ____ p. m.

Reduced barometer, 30.03 a. m. ____ p. m.

River gage, 12.7 Rising



NOTES.

ϕ Sun shining through clouds

Prepared by

Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Wednesday, (Date) JUL 19 1911, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	73	72	72	72	71	70	72	73	74	77	75	77	77	78	77	79	80	79	79	75	72	70	68	66
State of weather: Nature of precipitation and time of beginning and ending		RB D Ha	RE D Ha										RB RE 11:43 11:[illegible]											
Amounts of precipitation		← T →											T	T										
Cloudiness and other conditions					← Pt Cldy							→	← Cloudy						→	← Pt Cldy	→	← Clear		
Sunshine (in tenths of hours)					.33 0	0.8 0	0.6	0.7	0.7	1.0	1.0	0.4	0.7	0.6	0	0.5	1.0	0.1	0.3	0				
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	W	SW	SW	W	W	SW	W	W	W	W	W	W	W	W	N
Wind movement	4	7	8	9	8	5	10	16	17	15	7	7	12	8	7	7	8	7	5	4	3	3	2	4
Maximum velocities (exceeding 25 miles)																								

Sunrise: Time, 4:40; Character, Clear

Sunset: Time, 7:24; Character, Cloudy

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
80	66	73	[illegible]

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches

Precipitation to 7 a. m., T ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, T inches.

Character of day Pt Cldy (T) Moon phase

Actual sunshine, hours, 8.7

Possible sunshine, hours, 14.7

Percentage of possible sunshine, 59

Prevailing direction, Southwest

Total movement, 203

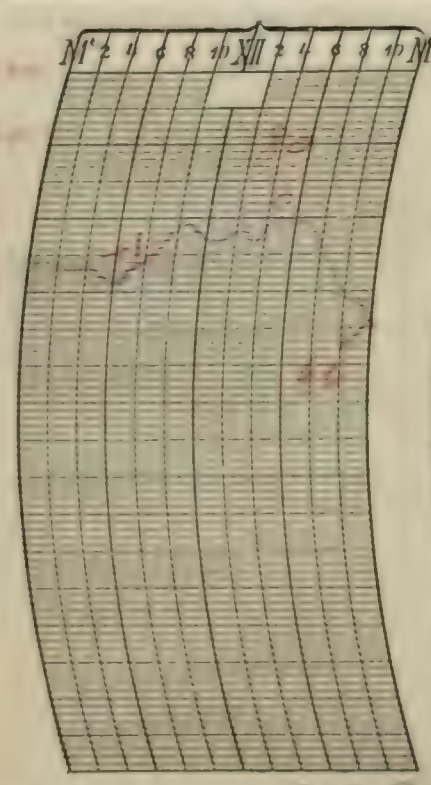
Average hourly velocity, 8.5

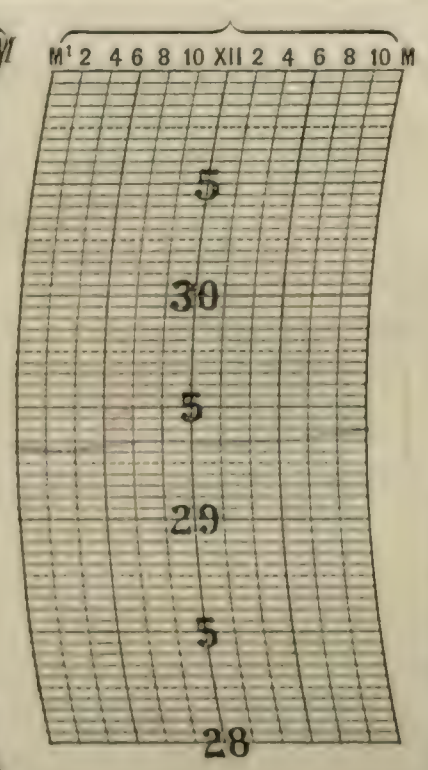
Maximum velocity,	Direction,	Time.
22	SW	10:57 a.m.

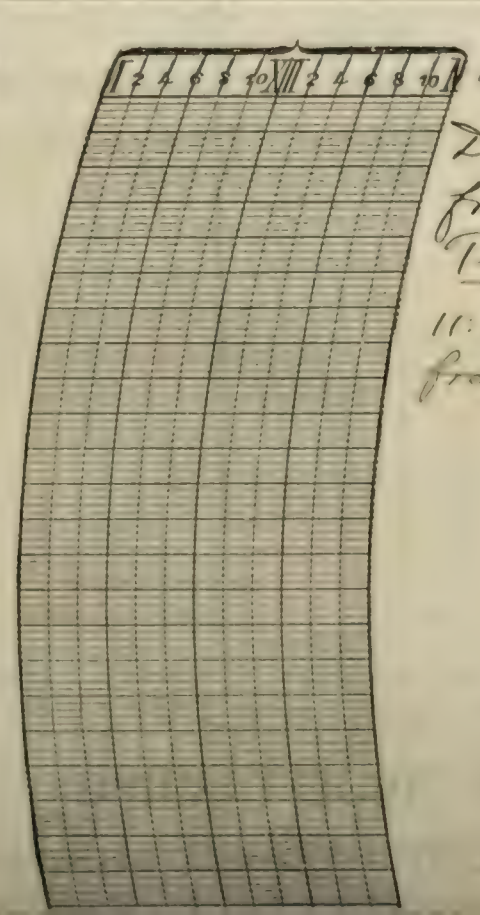
Relative humidity, 71 a. m. p. m.

Reduced barometer, 29.92 a. m. p. m.

River gage, 12.7 Stationary







NOTES.

Thunderstorm: First thunder heard D Ha; last heard D Ha; storm came from Southwest.

Thunderstorm: First thunder heard 11:35 a; last heard 11:56 a., storm came from Southwest.

Prepared by S. P. L.

Verified by S. P. L.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LASALLE, ILL, (Day of week) Thursday, (Date) JUL 20 1911, 191

Time (local standard), 90 mer.

1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	63	62	61	61	58	59	63	66	72	76	78	80	82	83	85	85	86	86	85	79	75	74	72	
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					← Clear																			
Sunrise: Time, Character,	4:41 Clear																				Sunset: Time, Character, 7:24 Clear			
Sunshine (in tenths of hours)					0	0	0.7	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0				
Wind direction	NE	NE	NE	NE	NE	N	NE	NE	E	SE	SE	S	SW	SW	SW	SW	SW	W	W	W	S	S	S	SW
Wind movement	4	4	3	2	3	1	3	3	5	7	4	5	6	6	6	5	6	5	3	2	2	2	3	4
Maximum velocities (exceeding ___ miles)																								

Maximum.	Minimum.	Mean.	Normal.
86	57	72	76

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear (1) Moon phase, ____

Actual sunshine, hours, 14.5

Possible sunshine, hours, 14.7

Percentage of possible sunshine, 99

Prevailing direction Northeast

Total movement, 94

Average hourly velocity, 3.9

Maximum velocity,	Direction,	Time.
8	SE	9:06 am

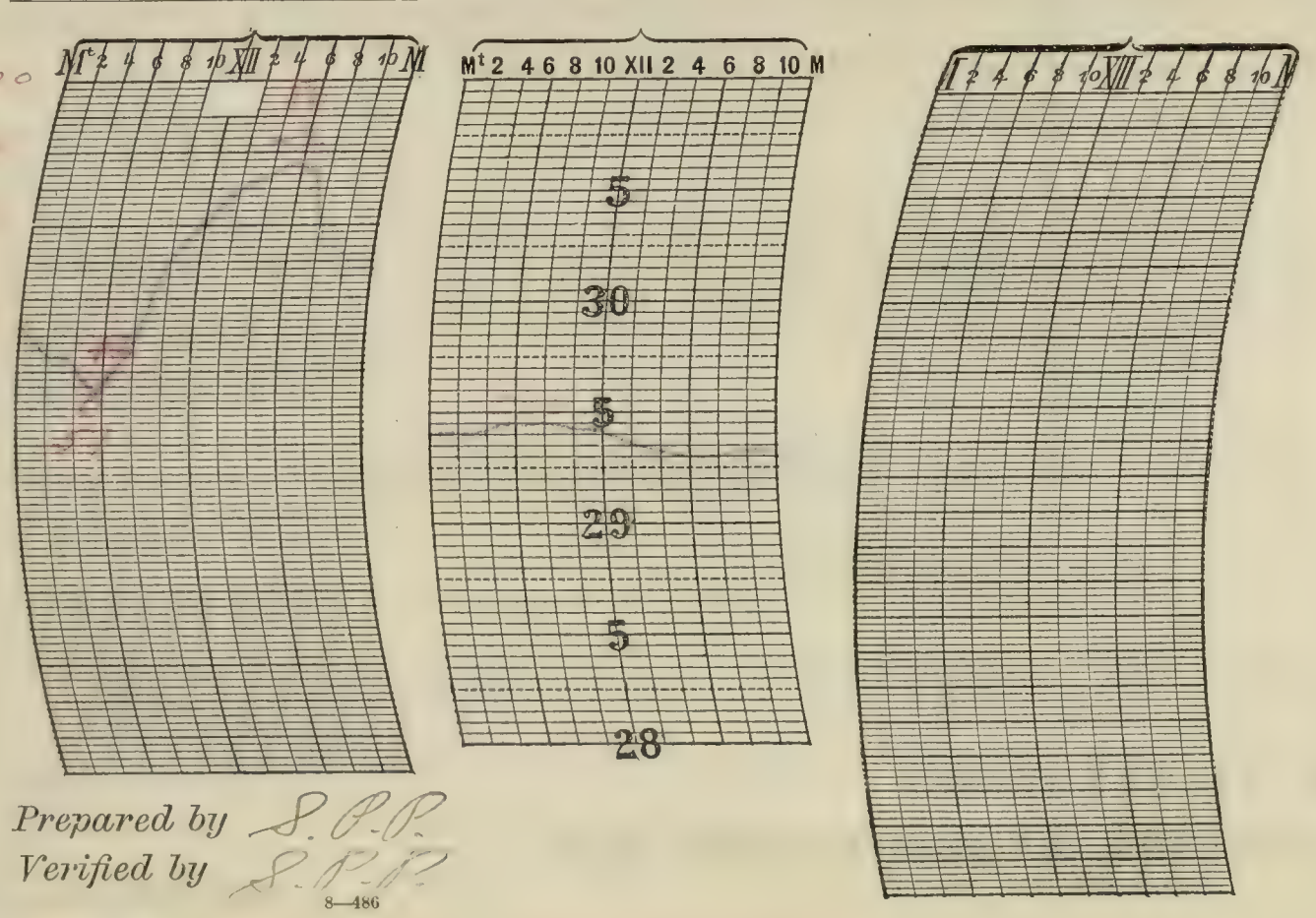
Relative humidity, 87 a. m. ____ p. m.

Reduced barometer, 30.04 a. m. ____ p. m.

River gage, 12.6 Falling

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

NOTES.



Prepared by S. P. P.

Verified by S. P. P.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Friday, (Date) JUL 21 1911, 191

Time (local standard), 90 mer.

1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	71	70	69	69	69	69	68	70	72	75	77	80
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions						← Clear					→ Cloudy	
Sunrise: Time, 4:49 Character, Clear												
Sunshine (in tenths of hours)					.30 0	1.0 0	1.0	1.0	1.0	1.0	1.0	1.0
Wind direction	SW	SW	SW	W	W	W	N	NE	NE	NE	NE	
Wind movement	5	4	4	4	4	5	7	11	11	10	7	2

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	82	83	83	83	83	82	80	75	72	72	66	62
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions							→ Cloudy → P.C. →		← Clear			
Sunset: Time, 7:23 Character, Clear												
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	1.0	1.0	.3 0.7	.38 0				
Wind direction	W	W	W	W	W	W	W	W	W	N	N	W
Wind movement	7	7	8	9	9	10	6	4	6	5	2	3

Excessive precipitation, accumulated amounts.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

	Maximum.	Minimum.	Mean.	Normal.
	83	62		

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, PC Cdy (6) Moon phase,

Actual sunshine, hours, 14.7

Possible sunshine, hours, 14.7

Percentage of possible sunshine, 100

Prevailing direction Northwest

Total movement, 158

Average hourly velocity, 6.6

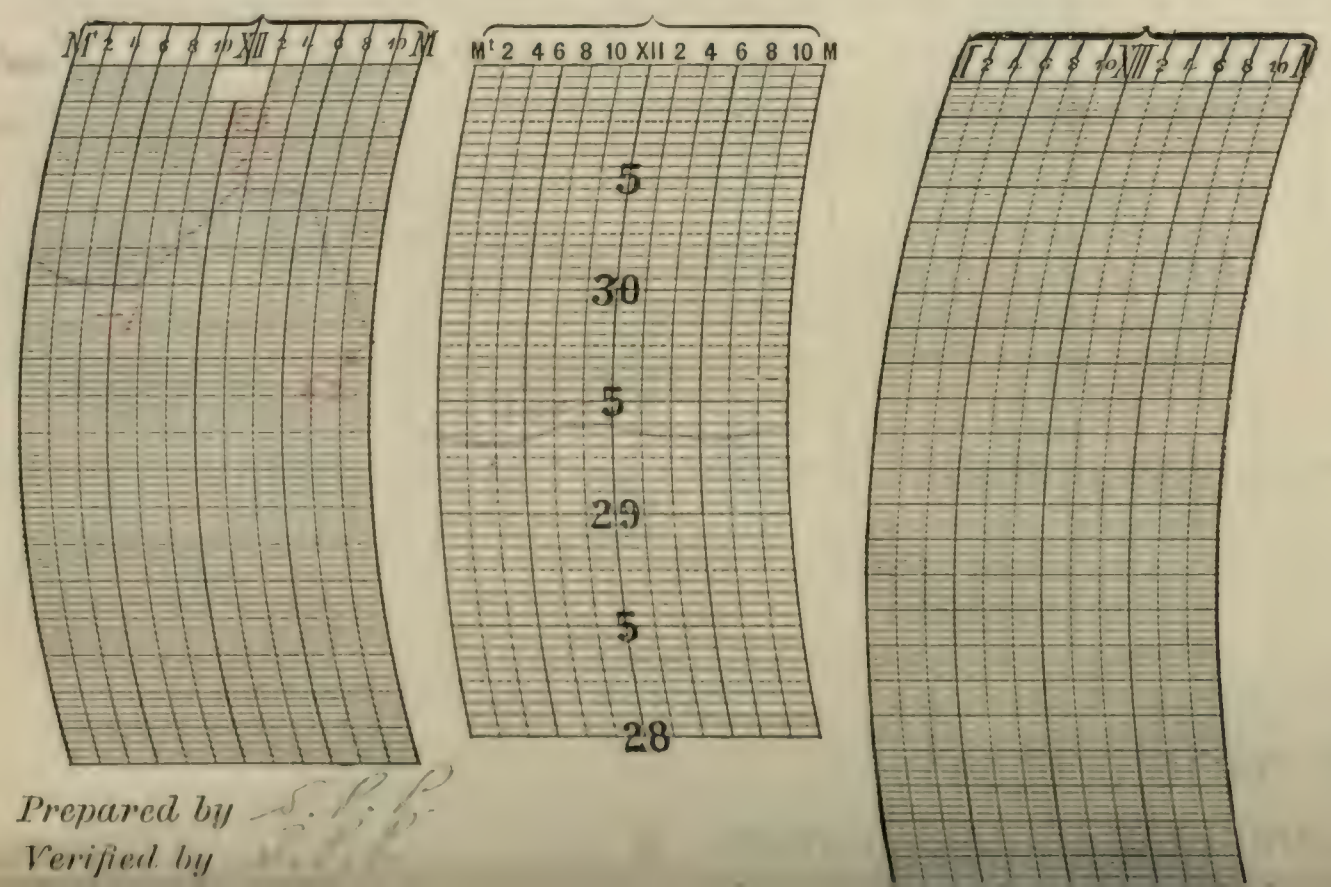
Maximum velocity.	Direction.	Time
14	NE	8:40 am

Relative humidity, 63 a. m. ..... p. m.

Reduced barometer, 29.93 a. m. ..... p. m.

River gage, 12.6 Stat

NOTES.



Prepared by

Verified by

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Saturday, (Date) JUL 22 1911, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	60	58	57	55	53	56	59	70	76	[illegible]	[illegible]	83
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					clear			Pt cldy				
Sunrise: Time, Character,	4:42 Clear											
Sunshine (in tenths of hours)					.30 0	1.0 0	0.1 0.9	1.0	1.0	1.0	1.0	1.0
Wind direction	NW	NE	N	N	0	N	N	N	SE	SE	S	NW
Wind movement	3	1	2	2	0	1	1	2	4	4	3	5
Maximum velocities (exceeding 25 miles)												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	81	85	86	86	85	84	81	78	73	71	69	[illegible]
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					clear							
Sunset: Time, Character,									7:22 Clear			
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	0.9	1.0	0.9 0.1	.37 0				
Wind direction	SW	SW	SW	NW	NW	N	E	E	E	E	E	E
Wind movement	6	5	4	5	3	4	1	1	1	2	2	2
Maximum velocities (exceeding 25 miles)												

	Maximum.	Minimum.	Mean.	Normal.
	86	53	70	76

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear (3) Moon phase,

Actual sunshine, hours, 14.6

Possible sunshine, hours, 14.7

Percentage of possible sunshine, 99

Prevailing direction, East & West

Total movement, 64

Average hourly velocity, 2.7

Maximum velocity,	Direction,	Time.
1.0	SW	12:25 p.m.

Relative humidity, 83 a. m. ____ p. m.

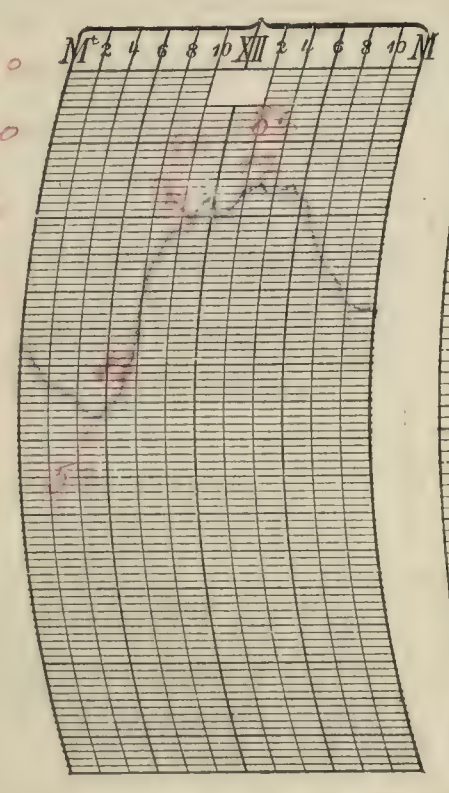
Reduced barometer, 30.03 a. m. ____ p. m.

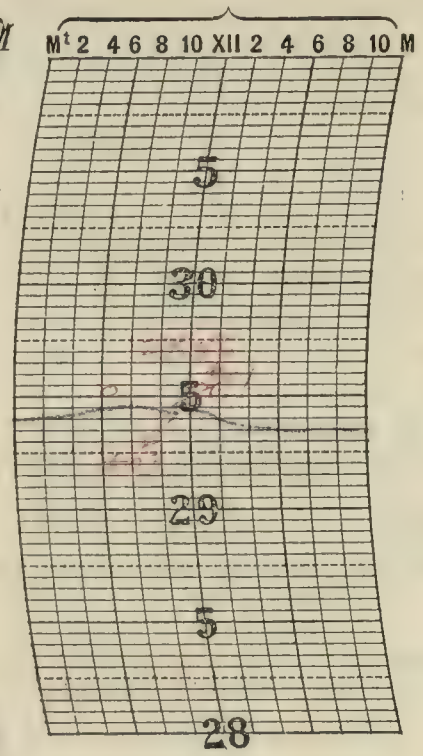
River gage, 12.5 7:00 p.m.

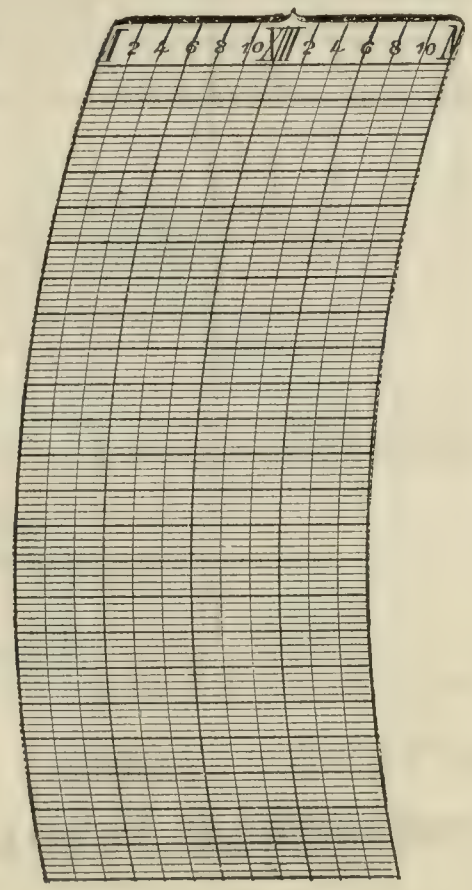
Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

NOTES.







Prepared by

Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LASALLE, ILL., (Day of week) Sunday, (Date) JUL 23 1911, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	70	69	69	69	69	70	71	72	73	68	68	68
									RB 8:10			
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation									T	.03	.14	.19
Cloudiness and other conditions						—	C	Cor	Day			
Sunrise: Time, Character,	4:43 Cloudy											
Sunshine (in tenths of hours)					0	0	0	0	0	0	0	0
Wind direction	E	E	E	SE	SE	S	S	S	S	S	S	S
Wind movement	3	4	4	4	9	9	10	12	11	7	11	12

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	68	69	69	73	78	79	81	75	73	70	60	67
				RE 3:05								
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation	.30	.26	.02	T								
Cloudiness and other conditions												
Sunset: Time, Character,									7:21 Cloudy			
Sunshine (in tenths of hours)	0	0	0	0.3	0.6	0.8	0	0				
Wind direction	SE	S	SE	SW	W	W	W	W	W	W	NW	W
Wind movement	13	8	5	4	8	9	10	17	18	17	18	17

Excessive precipitation, accumulated amounts

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
81	64	72	76

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., .84 ins.

Total precipitation, midnight to midnight, .84 inches.

Character of day, Cloudy Moon phase,

Actual sunshine, hours, 1.7

Possible sunshine, hours, 14.6

Percentage of possible sunshine, 12

Prevailing direction, South

Total movement, 240

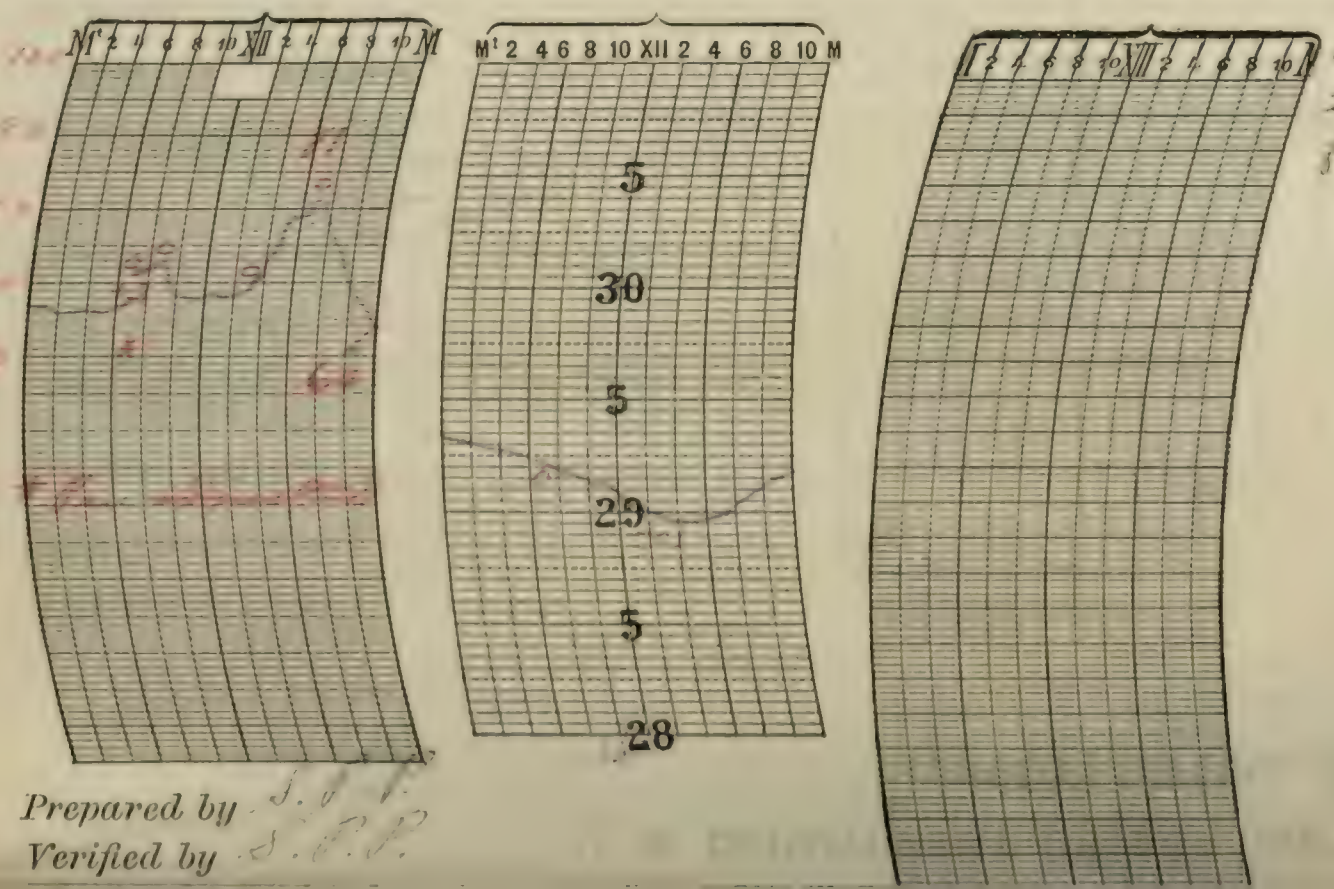
Average hourly velocity, 10.0

Maximum velocity,	Direction,	Time.
23	W	11:28 pm

Relative humidity, 44 a. m. p. m.

Reduced barometer, 29.76 a. m. p. m.

River gage, 12.4 feet



NOTES.

Special observation taken at 5:15 pm and telegraphed to Washington. Pressure fell very rapidly.

Prepared by J. V. V.

Verified by J. C. P.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

LA SALLE, ILL. (Station), (Day of week); (Date) JUL 21 1911, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	63	60	58	57	57	58	59	60	61	64	66	65
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions						Clear						
Sunrise: Time, Character,	4:44 Clear											
Sunshine (in tenths of hours)					27 0	0.3	1.0	1.0	1.0	1.0	1.0	0.6
Wind direction	W	W	W	W	W	W	W	W	W	W	W	W
Wind movement	15	17	11	11	12	13	15	15	18	20	22	21
Maximum velocities (exceeding 25 miles)											10:45 NW 26	11:05 NW 26

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	66	67	57	64	65	66	66	65	63	61	57	55
State of weather: Nature of precipitation and time of beginning and ending		RB 1:50	RE 2:07	RB 3:05 RE 3:10								
Amounts of precipitation		.04	.01	T								
Cloudiness and other conditions				Cloudy			Pt Cldy		Clear			
Sunset: Time, Character,									7:20 Clear			
Sunshine (in tenths of hours)	0.8	0.8	0.7	0.9	0.8	0.7	0.5 0.5	3.3 0				
Wind direction	W	W	W	NW	W	W	W	W	W	W	W	W
Wind movement	22	24	17	19	17	14	12	8	8	7	6	7
Maximum velocities (exceeding 25 miles)	12:15 W 27	1:52 NW 31										

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
67	53	5[illegible]	[illegible]

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., .05 ins.

Total precipitation, midnight to midnight, inches.

Character of day, [illegible] Moon phase,

Actual sunshine, hours, 12.9

Possible sunshine, hours, 14.6

Percentage of possible sunshine, 88

Prevailing direction West

Total movement, 351

Average hourly velocity, 14.6

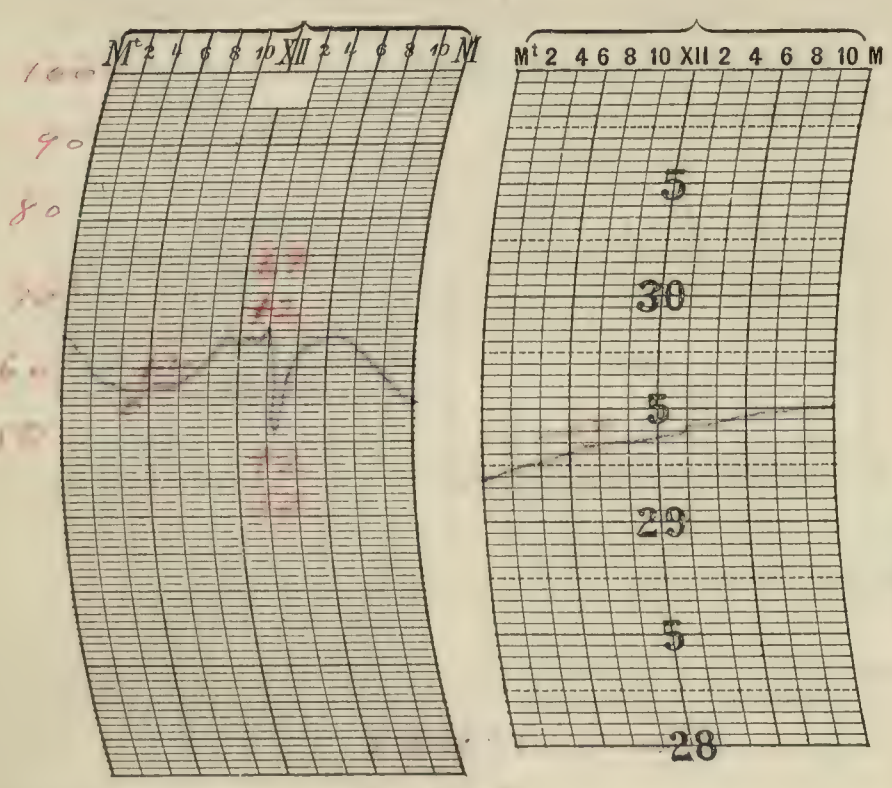
Maximum velocity,	Direction,	Time.
31	NW	1:52 pm

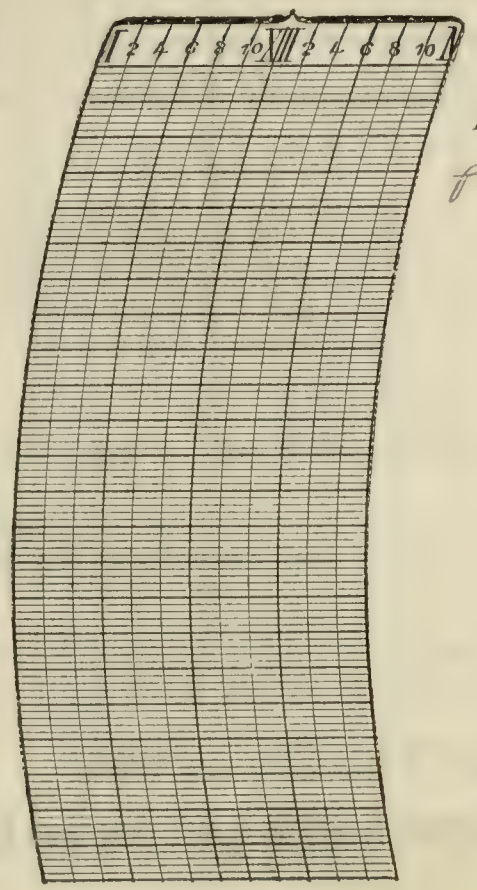
Relative humidity, 70 a. m. p. m.

Reduced barometer, 29.87 a. m. p. m.

River gage, 12.7 Rising

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.





NOTES.

Thunderstorm: first thunder heard 1:49 pm; last heard at 2:10 pm; storm came from the northwest

Prepared by [illegible]

Verified by [illegible]

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Tuesday, (Date) JUL 25 1911, 191

Time (local standard), 90 mer.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	58	57	57	57	57	57	57	61	63	67	68	68	68	68	57	58	62	62	63	60	57	57	54	54
State of weather: Nature of precipitation and time of beginning and ending														RB 1:41		RE 3:25								
Amounts of precipitation														.08	.08	.01								
Cloudiness and other conditions					Clear						PC		Cloudy				Clear							
Sunrise: Time, Character, 4:45 Clear																					Sunset: Time, Character, 7:19 Clear			
Sunshine (in tenths of hours)					0	0.1	1.0	1.0	1.0	1.0	0.7	0.3	0.4	0.3	0	0.4	1.0	1.0	0.5	0				
Wind direction	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W
Wind movement	7	7	7	6	7	8	9	10	10	12	11	[illegible]	13	16	12	9	11	9	7	4	4	5	3	2
Maximum velocities (exceeding 2d miles)														1:40 W 26										

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
68	54	61	76

Total depth of snow for 24 hours ending 7 p. m., 0 inches

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., .17 ins.

Total precipitation, midnight to midnight, [illegible] inches.

Character of day Partly cloudy. Moon phase, 2:12 pm

Actual sunshine, hours, 10.7

Possible sunshine, hours, 14.6

Percentage of possible sunshine, 73

Prevailing direction, West

Total movement, 201

Average hourly velocity, 8.4

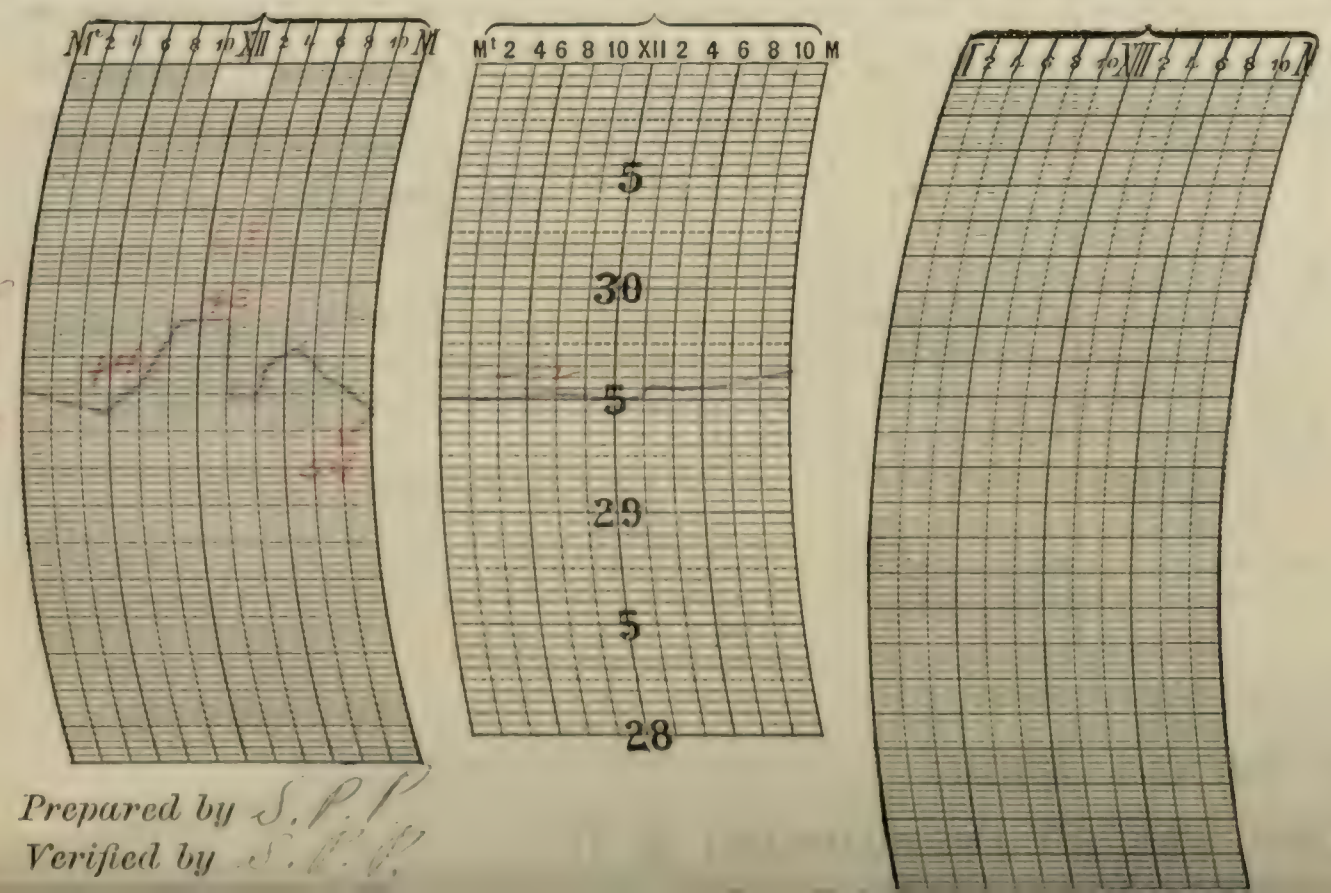
Maximum velocity.	Direction.	Time.
26	W	1:40 pm

Relative humidity, 70 a. m. ..... p. m.

Reduced barometer, 30.07 a. m. ..... p. m.

River gage, 12.6

NOTES.



Prepared by S. P. V.

Verified by S. P. V.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LASALLE Ill, (Day of week) Wednesday, (Date) JUL 26 1911, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	54	53	51	51	50	50	55	61	67	70	71	72	74	75	76	76	75	76	75	70	67	65	63	62
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						← Clear						→	Partly Cldy						← Clear					
Sunshine (in tenths of hours)					0	0	0.9	1.0	1.0	1.0	0.8	1.0	1.0	1.0	1.0	0.7	1.0	1.0	0.1	0				
Wind direction	NW	NW	NW	NW	NW	NW	NW	NW	W	W	W	SW	SW	SW	W	SW	SW	SW	SW	SW	SE	SE	SE	SE
Wind movement	3	3	3	2	3	2	3	4	4	4	5	1	6	6	6	4	6	4	2	2	1	1	1	3
Maximum velocities (exceeding 25 miles)																								

Sunrise: Time, 4:46 Character, Clear

Sunset: Time, 7:18 Character, Clear

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

_____ hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
76	50	63	71

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, _____ Moon phase, _____

Actual sunshine, hours, 14.0

Possible sunshine, hours, 14.5

Percentage of possible sunshine, 97

Prevailing direction Northwest & southwest.

Total movement, 85

Average hourly velocity, 3.5

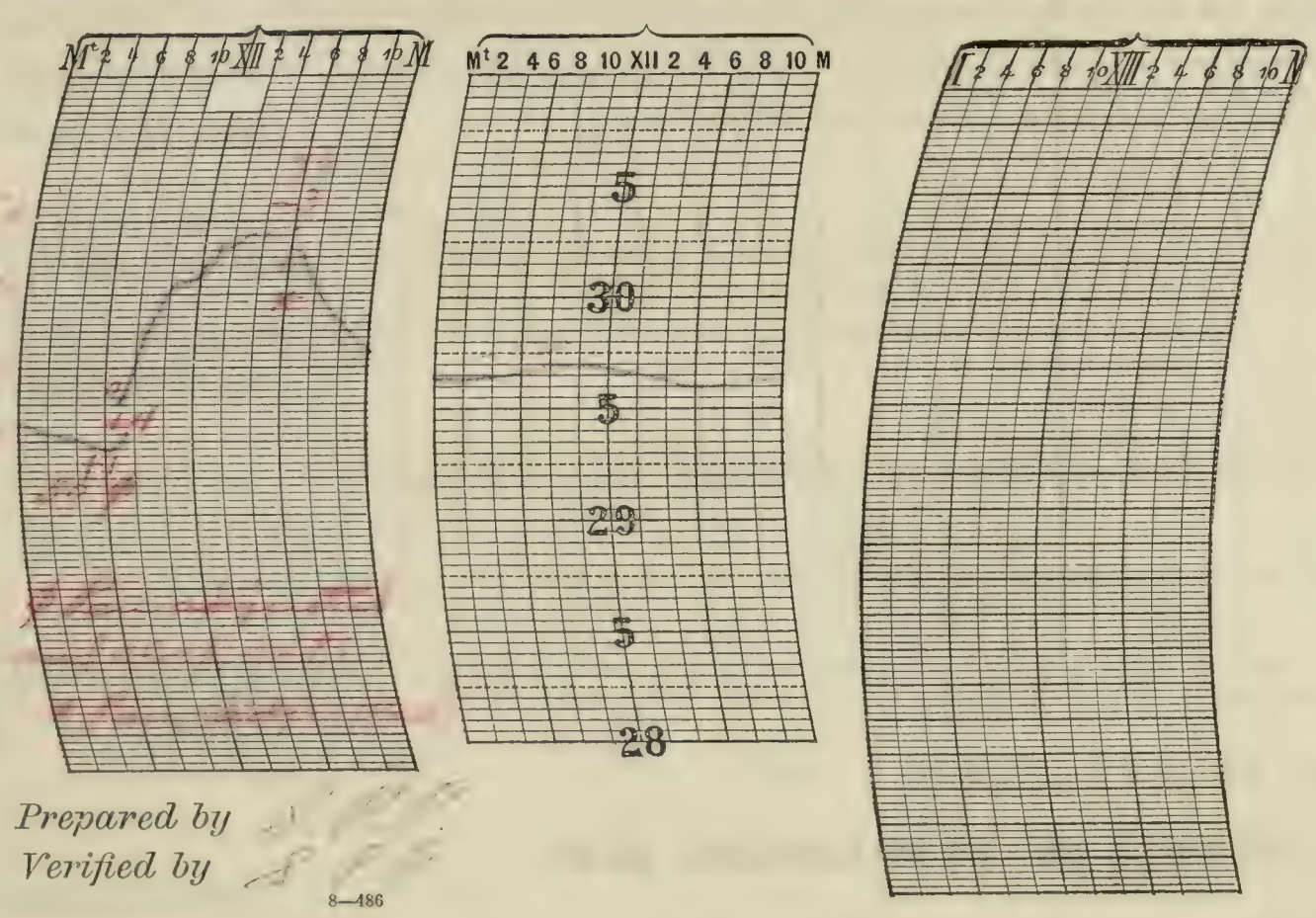
Maximum velocity,	Direction,	Time.
10	SW	[illegible]

Relative humidity, 91 a. m. _____ p. m.

Reduced barometer, [illegible] a. m. _____ p. m.

River gage, 12.5 falling

NOTES.



Prepared by

Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Thursday, (Date) JUL 27 1911, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	62	61	61	60	58	59	62	66	70	74	77	80	81	83	84	84	84	84	82	80	76	72	72	72
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						←			Clear								×	Pt Cldy			×	Clear		
Sunshine (in tenths of hours)					0	0	0.4	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	0.2	0				
Wind direction	SE	SE	SE	E	S	S	SE	S	S	S	S	S	S	S	S	S	S	S	S	SE	SE	SE	SE	S
Wind movement	2	2	3	4	2	2	3	5	9	12	12	12	9	10	11	9	9	6	4	4	4	5	9	9
Maximum velocities (exceeding 25 miles)																								

Sunrise: Time, 4:47 Character, Clear

Sunset: Time, 7:18 Character, Cloudy

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
84	55	71	75

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear (2) Moon phase,

Actual sunshine, hours, 12.1

Possible sunshine, hours, 14.5

Percentage of possible sunshine, 83

Prevailing direction, South

Total movement, 155

Average hourly velocity, 6.5

Maximum velocity,	Direction,	Time.
14	S	9:40 am

Relative humidity, 69 a. m. p. m.

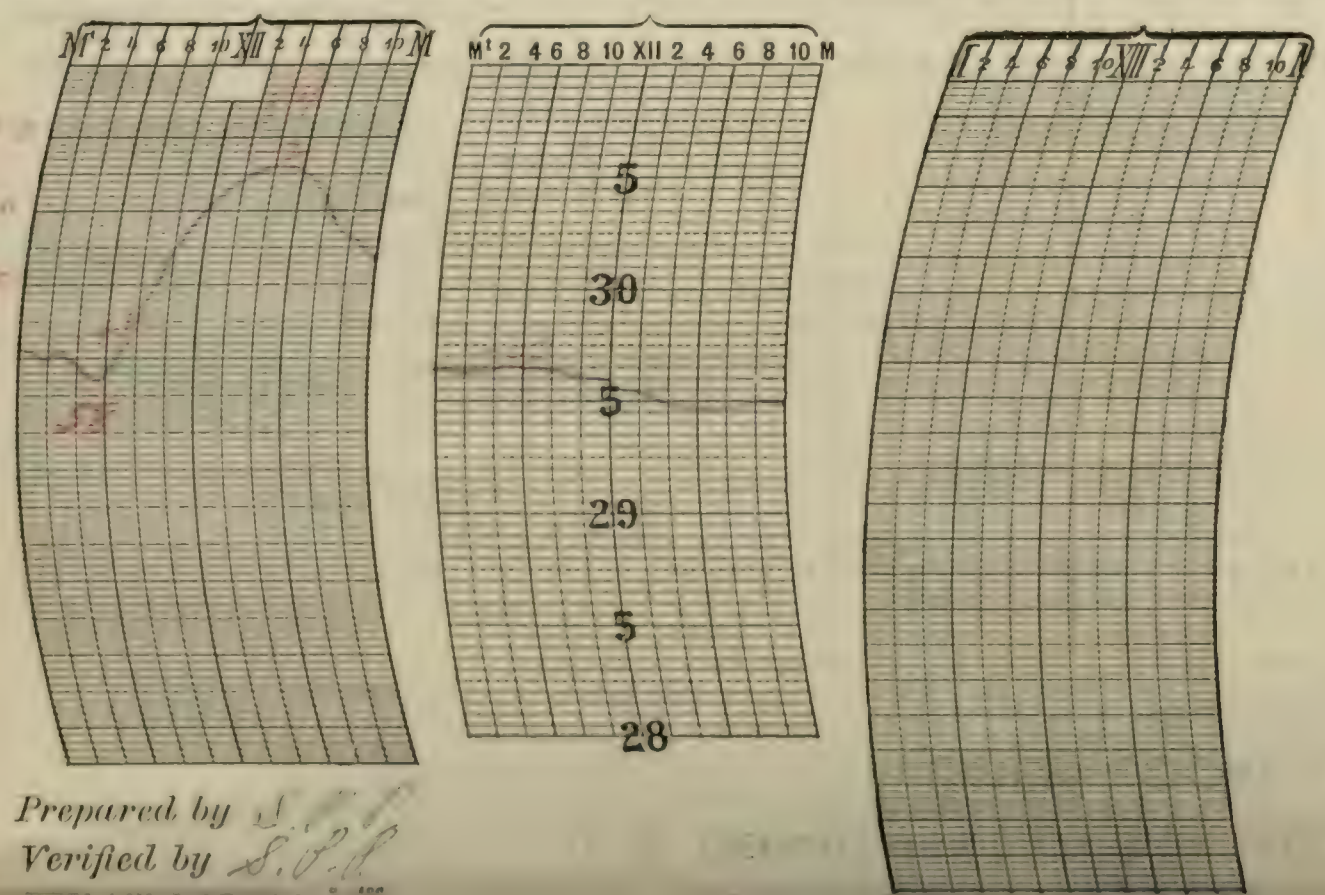
Reduced barometer, 30.18 a. m. p. m.

River gage, 12.4 falling

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

NOTES.



Prepared by

Verified by

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Friday, (Date) JUL 28 1911, 191

Time (local standard), 7 mer. — 1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	71	70	69	67	66	66	67	67	68	71	73	76
Nature of precipitation and time of beginning and ending											RB 10:30 RE 10:43	
Amounts of precipitation											T	
Cloudiness and other conditions				P.C.							Cloudy	
Sunshine (in tenths of hours)					0	1.0	ϕ 0.8	ϕ 0.6	0	0	0.2	0.3
Wind direction	S	S	S	SW	S	S	S	SW	SW	SW	S	SW
Wind movement	8	9	8	3	5	6	6	4	6	4	7	8
Maximum velocities (exceeding 25 miles)												

Sunrise: Time, 4:45; Character, Clear

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	77	75	70	69	71	73	68	68	68	67	[illegible]	[illegible]
Nature of precipitation and time of beginning and ending	RB 12:57	RE 1:12 RB 1:46		RE 3:37			RB 6:07		RE	ϕ	K	p.
Amounts of precipitation	T	T	.05	T			.18	.01	.02	.01	.01	
Cloudiness and other conditions												
Sunshine (in tenths of hours)	0	0	0	0.2	0.4	0	0	0				
Wind direction	SW	SW	SW	SW	SW	SW	S	SW	SW	W	SW	SW
Wind movement	5	9	19	18	7	7	6	11	13	10	7	6
Maximum velocities (exceeding 25 miles)			2:45 S 26	3:08 S 27								

Sunset: Time, 7:17; Character, Cloudy

	Maximum.	Minimum.	Mean.	Normal.
	77	65	71	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., .23 ins.

Total precipitation, midnight to midnight, .28 inches.

Character of day, Cloudy (9) Moon phase,

Actual sunshine, hours, 3.7

Possible sunshine, hours, 14.5

Percentage of possible sunshine, 26

Prevailing direction, Southwest

Total movement, 192

Average hourly velocity, 8.0

Maximum velocity,	Direction,	Time.
27	S	3:08 pm

Relative humidity, 65 a. m. p. m.

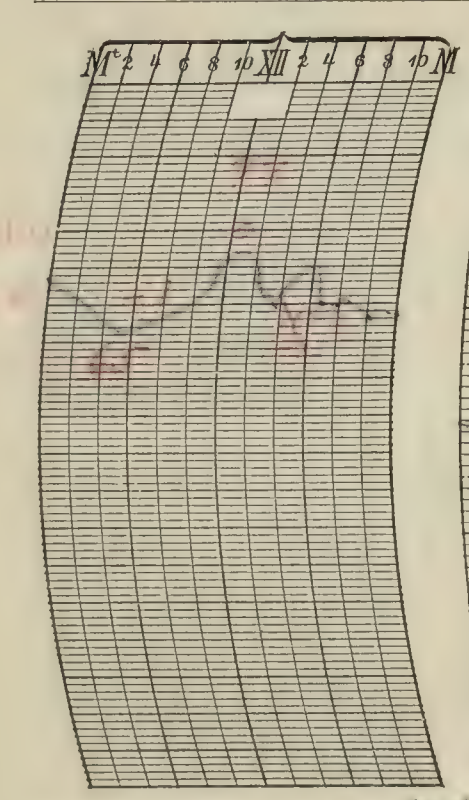
Reduced barometer, 30.04 a. m. p. m.

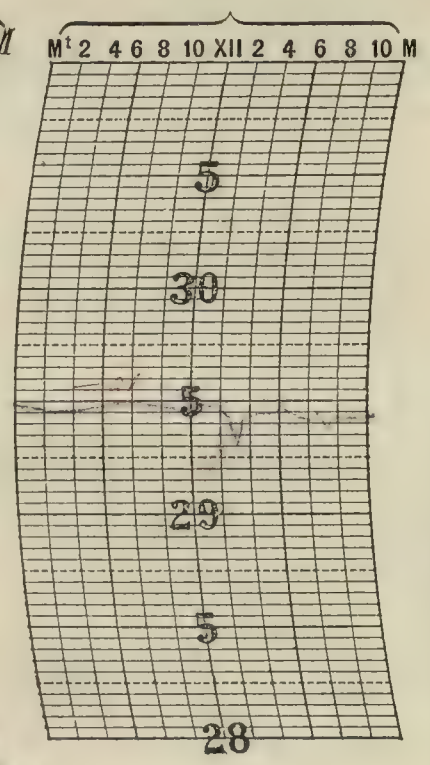
River gage, 12.5 Rising

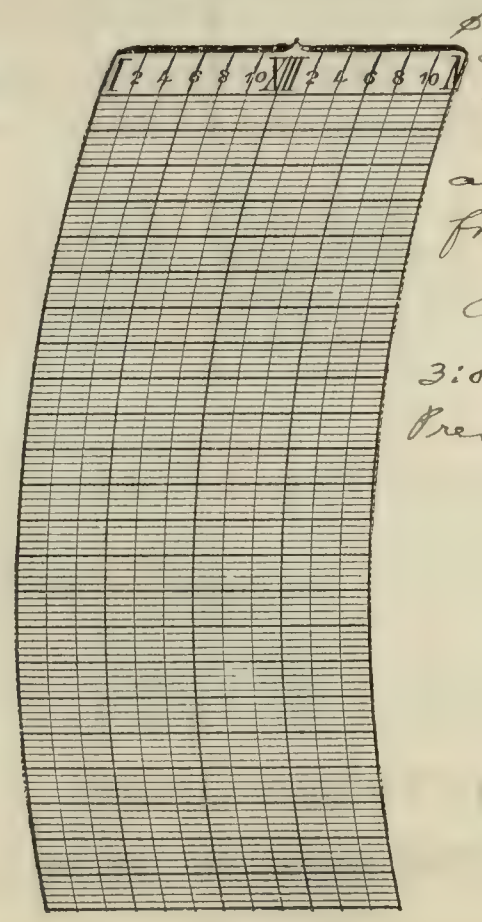
Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.







NOTES.

ϕ Sun shining through clouds.

Thunderstorm: First thunder heard at 6:23 p; last heard at 6:28 p; storm came from southwest.

A special observation was taken at 3:00 pm and telegraphed to Washington. Pressure fell very rapidly.

Prepared by S. P. P.

Verified by S. P. P.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Saturday, (Date) JUL 29 1911, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	67	67	65	65	65	65	66	70	72	75	76	77
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions							Pt Cldy	Clear		Pt Cldy	Clear	
Sunrise: Time, Character, 4:49 Cloudy												
Sunshine (in tenths of hours)					0	0	0.2	0.1	0.4	1.0	1.0	1.0
Wind direction	SW	SW	SW	SW	0	SW	SW	SW	SW	SW	SW	SW
Wind movement	4	1	3	2	0	1	2	1	3	4	4	5
Maximum velocities (exceeding 25 miles)												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	80	83	84	85	84	84	84	78	75	73	70	65
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation							Moon visible					
Cloudiness and other conditions	Pt Cldy				Clear							
Sunset: Time, Character, 7:16 Clear												
Sunshine (in tenths of hours)	1.0	1.0	0.5	1.0	1.0	1.0	0.5	0				
Wind direction	SW	SW	W	W	SW	SW	SW	0	SW	SW	SW	SE
Wind movement	8	9	5	4	6	5	1	0	1	2	2	3
Maximum velocities (exceeding 25 miles)												

1 hours slower than 75th meridian time.

	Maximum.	Minimum.	Mean.	Normal.
	85	65	75	[illegible]

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .05 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Actual sunshine, hours, 10.5

Possible sunshine, hours, 14.4

Percentage of possible sunshine, 73

Prevailing direction, Southwest

Total movement, 82

Average hourly velocity, 3.4

Maximum velocity,	Direction,	Time.
11	SW	11:08 am

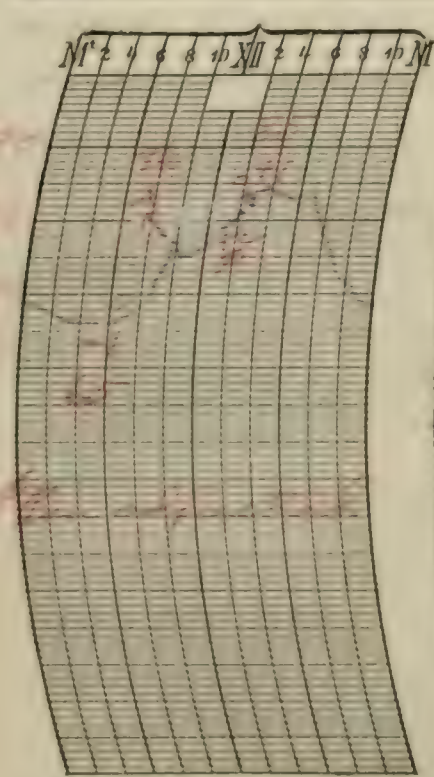
Relative humidity, 95 a. m. p. m.

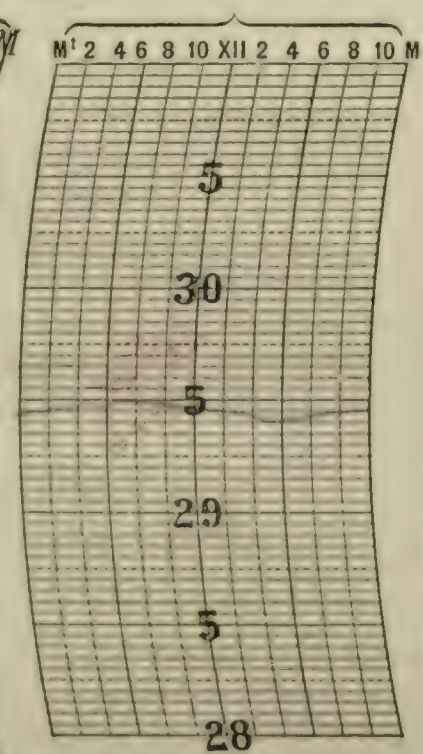
Reduced barometer, 30.04 a. m. p. m.

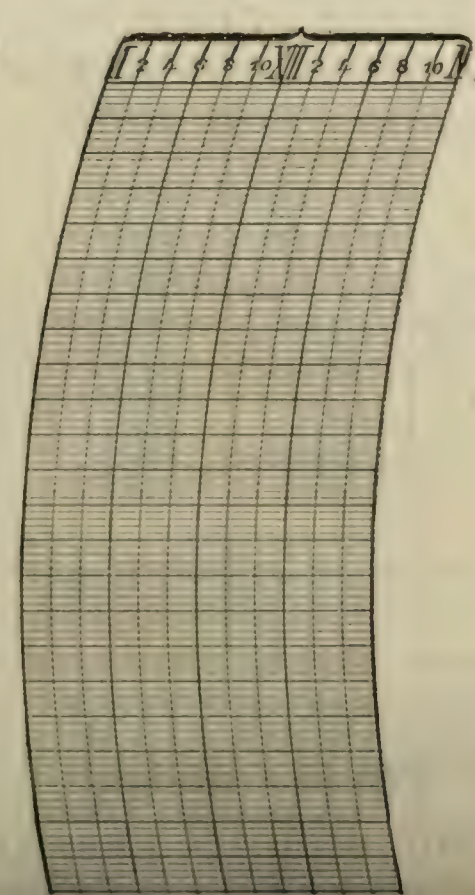
River gage, 12.5 Stationary

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.







NOTES.

Pt fog 2 Ma to 7.30 a.

Prepared by

Verified by S. P. P.

Form No. 1014—Met f.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) ....., *(Day of week)* Sunday, *(Date)* ....., 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	69	68	67	66	66	66	69	70	72	77	81	84	85	86	87	87	86	85	83	80	78	76		
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions				← Lt fog →					Pt cldy								← Clear →				Moon			
Sunrise: Time, Character,	4:50 Cloudy																				Sunset: Time, Character, 7:15 Clear			
Sunshine (in tenths of hours)					0	0.8	0.9	0.9	1.0	1.0	1.0		1.0	1.0	1.0	1.0	1.0	1.0	0.2	0				
Wind direction	S	S	S	S	S	S	S	S	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	S	S	S	S	S
Wind movement	4	2	1	2	1	1	3	7	9	8	8	9	9	11	12	11	12	11	9	5	6	8	8	7
Maximum velocities (exceeding 25 miles)																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
88	66	77	75

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Pt cldy (4) Moon phase, ...

Actual sunshine, hours, 13.8

Possible sunshine, hours, 14.4

Percentage of possible sunshine, 96

Prevailing direction, South

Total movement, 164

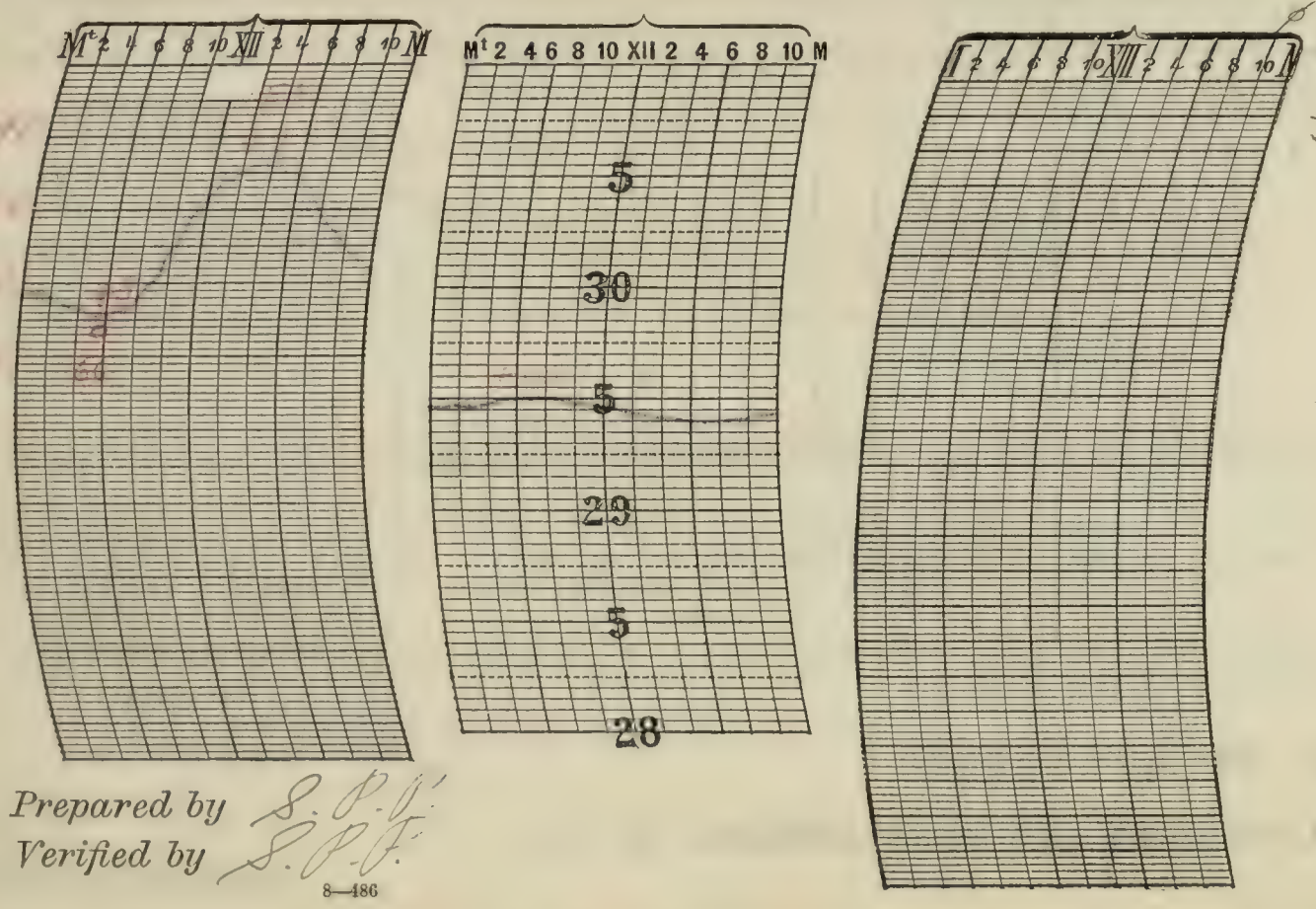
Average hourly velocity, 6.8

Maximum velocity,	Direction,	Time.
14	SW	2:20 pm

Relative humidity, 73 a. m. ..... p. m.

Reduced barometer, 30.08 a. m. ..... p. m.

River gage, 12.4 Falling



NOTES.

Sun shining through clouds.

Lt fog D Ua to 7:20 am.

Prepared by S. P. F.

Verified by S. P. F.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Monday, (Date) JUL 31 1911, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	71	70	69	69	67	69	71	74	76	79	82	84	84	85	85	84	80	82	81	72	68	67	66	65
																				RB 7:50				
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																				T	T	.08	.23	.22
Cloudiness and other conditions					← Clear							→	← Pt Cldy						→	Clear Dy				
Sunshine (in tenths of hours)					1.5 0	1.5 0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0.1	0	0	0				
Wind direction	S	S	S	SW	SE	SE	SE	S	SW	S	SW		S	S	S	S	SW	SW	SW	S	NW	NW	NE	NE
Wind movement	5	3	5	2	2	2	2	7	8	10	12	12	12	13	12	11	10	9	4	8	9	4	3	4
Maximum velocities (exceeding 25 miles)																								

Sunrise: Time, 4:51; Character, Clear

Sunset: Time, 7:15; Character, Cloudy

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

	Maximum.	Minimum.	Mean.	Normal.
	85	65	75	75

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., — ins.; to 7 p. m., — ins.

Total precipitation, midnight to midnight, .53 inches.

Character of day Pt Cldy (B) Moon phase

Actual sunshine, hours, 10.8

Possible sunshine, hours, 14.4

Percentage of possible sunshine, 75

Prevailing direction South

Total movement, 169

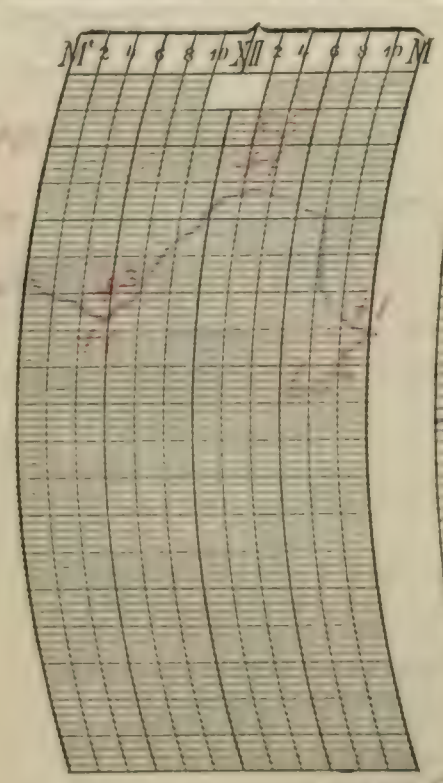
Average hourly velocity, 7.0

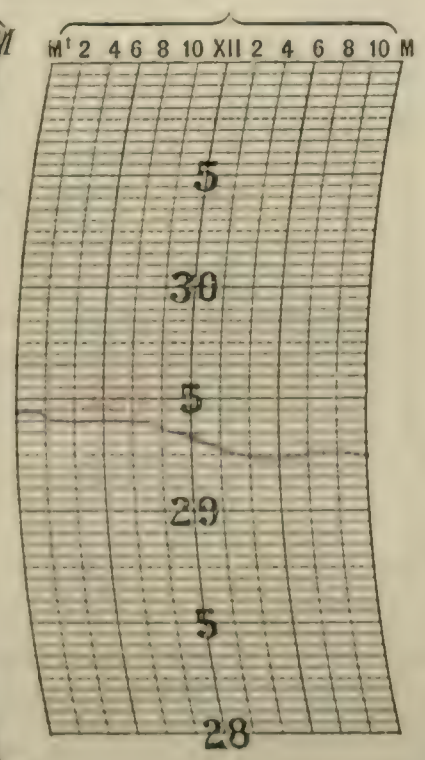
Maximum velocity,	Direction,	Time
16	NW	7:26 p

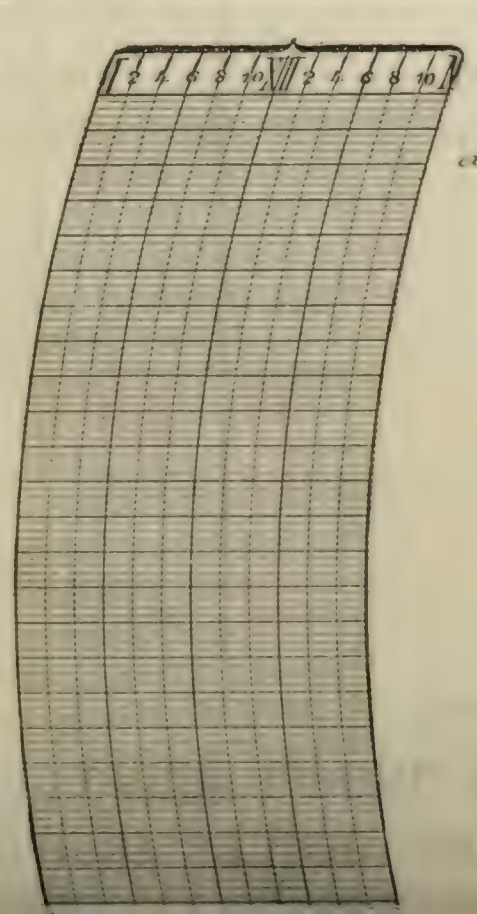
Relative humidity, 84 a. m. — p. m.

Reduced barometer, 29.88 a. m. — p. m.

River gage, 12.4 Stationary







NOTES.

Thunderstorm: First thunder heard at 7:23 pm; continued; came from [illegible]

Prepared by S. G. F.

Verified by S. G. F.

Form No. 1011—Met. I.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE ILL., (Day of week) Tuesday, (Date) AUG 1 1911, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	65	66	66	66	66	67	67	67	68	[illegible]	76	77
State of weather: Nature of precipitation and time of beginning and ending		R.E.	D.	U.a.								
Amounts of precipitation	.18	.37	.04	.08								
Cloudiness and other conditions						← Cloudy						
Sunrise: Time, Character,	4:52 Cloudy											
Sunshine (in tenths of hours)					0	0	0.1	0.2	0.1	0.9	1.0	0.8
Wind direction	E	E	NE	NE	SE	SE	SW	SW	SW	W	SW	SW
Wind movement	2	3	3	2	4	2	4	6	6	5	8	9

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	79	81	79	82	81	80	77	73	70	68	66	66
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions							P.C.			Pt Cldy		
Sunset: Time, Character,									7:12 Clear			
Sunshine (in tenths of hours)	0.9	1.0	0.9	0.9	1.0	1.0	0.5	0				
Wind direction	W	SW	SW	W	W	W	W	NW	NW	NW	NW	NW
Wind movement	10	11	12	8	11	10	7	9	3	3	3	3

Moon slightly visible

Maximum velocities (exceeding 25 miles)

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
82	65	74	75

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 1.40 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 1.7 inches.

Character of day, Pt Cldy Moon phase, ☽ 7:29 pm

Actual sunshine, hours, 10.0

Possible sunshine, hours, 14.3

Percentage of possible sunshine, 70

Prevailing direction Southwest

Total movement, 144

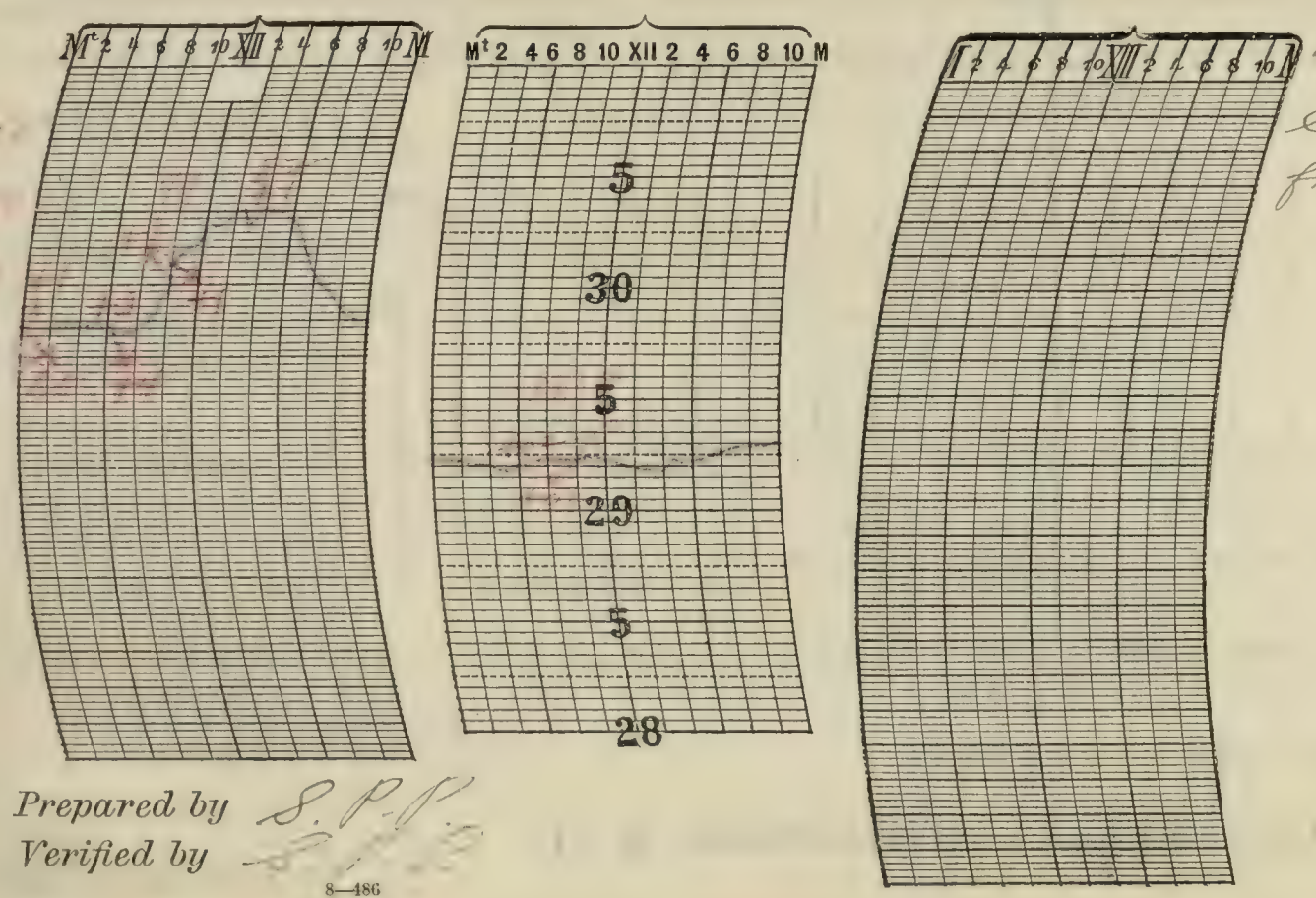
Average hourly velocity, 6.0

Maximum velocity,	Direction,	Time.
16	SW	2:35 pm

Relative humidity, 92 a. m. ____ p. m.

Reduced barometer, 29.79 a. m. ____ p. m.

River gage, 12.7 Rising



NOTES.

Thunderstorm: Began preceding day; last thunder heard D. U.a.; storm came from southwest.

Prepared by S. P. S.

Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LASALLE, (Day of week) Wednesday, (Date) AUG 2 1911, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	65	65	64	63	62	61	62	67	68	72	75	77
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					Clear					Pt Cldy		
Sunshine (in tenths of hours)					0	0	0.3	1.0	1.0	1.0	1.0	1.0
Wind direction	W	W	W	W	W	W	W	W	W	W	W	W
Wind movement	3	3	3	3	4	2	3	4	6	[illegible]	5	4

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	77	78	79	79	80	80	77	74	70	67	64	64
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions							Clear		Moon rises 10 P.M.			
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0				
Wind direction	W	W	W	W	W	W	W	W	0	W	W	W
Wind movement	7	6	6	7	6	5	3	3	0	1	1	3

Sunrise: Time, 4:53; Character, Clear

Sunset: Time, 7:11; Character, Clear

Maximum velocities (exceeding 25 miles)

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

	Maximum.	Minimum.	Mean.	Normal.
Temperature at end of hour	80	61	70	75

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins., to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Pt Cldy ☾ Moon phase,

Actual sunshine, hours, 14.3

Possible sunshine, hours, 14.3

Percentage of possible sunshine, 100

Prevailing direction, West

Total movement, 94

Average hourly velocity, 3.9

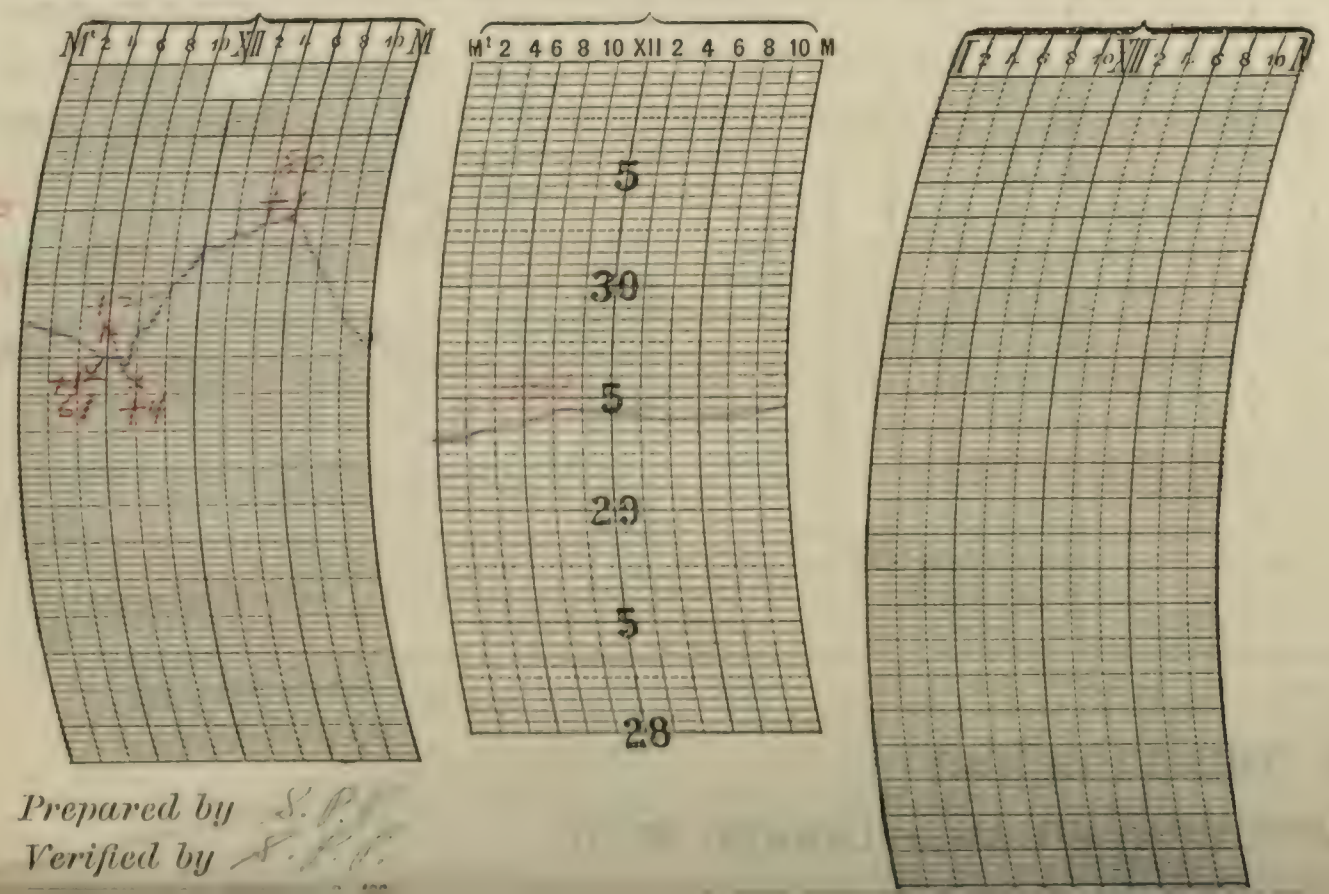
Maximum velocity, 9 Direction, W To, 2:40 pm

Relative humidity, 87 a. m. p. m.

Reduced barometer, 29.99 a. m. p. m.

River gage, 12.7 [illegible]

NOTES.



Prepared by S. P.

Verified by S. P.

Form No. 1014—Mo. 1.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, (Day of week) Thursday, (Date) AUG 3 1911, 191

Time (local standard), 90 mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	62	60	60	60	59	61	63	65	70	76	79	81
State of weather. Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					←	Pt Cldy						
Sunrise: Time, Character,	4:54 Clear											
Sunshine (in tenths of hours)					.10 0	1.0 0	0.4 0.6	1.0	1.0	1.0	1.0	1.0
Wind direction	N	NE	NE	NE	NE	NE	E	E	E	E	SE	SE
Wind movement	3	6	6	6	5	5	6	7	8	8	8	7
Maximum velocities (exceeding 25 miles)												

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	83	84	84	85	84	82	82	80	73	73	70	76
State of weather. Nature of precipitation and time of beginning and ending									RB 8:04	R	E	D
Amounts of precipitation									T	.15	.04	
Cloudiness and other conditions						←	Cloudy					
Sunset: Time, Character,									7:10 Cloudy			
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	0.4	0	0	0				
Wind direction	SE	S	S	SE	SE	SE	SE	SE	SW	SW	SW	S
Wind movement	7	8	6	8	6	6	7	8	6	3	4	3
Maximum velocities (exceeding 25 miles)												

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
85	59	72	75

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, .19 inches.

Character of day, Pt Cldy (1) Moon phase,

Actual sunshine, hours, 11.5

Possible sunshine, hours, 14.3

Percentage of possible sunshine, 80

Prevailing direction Southeast

Total movement, 147

Average hourly velocity, 6.1

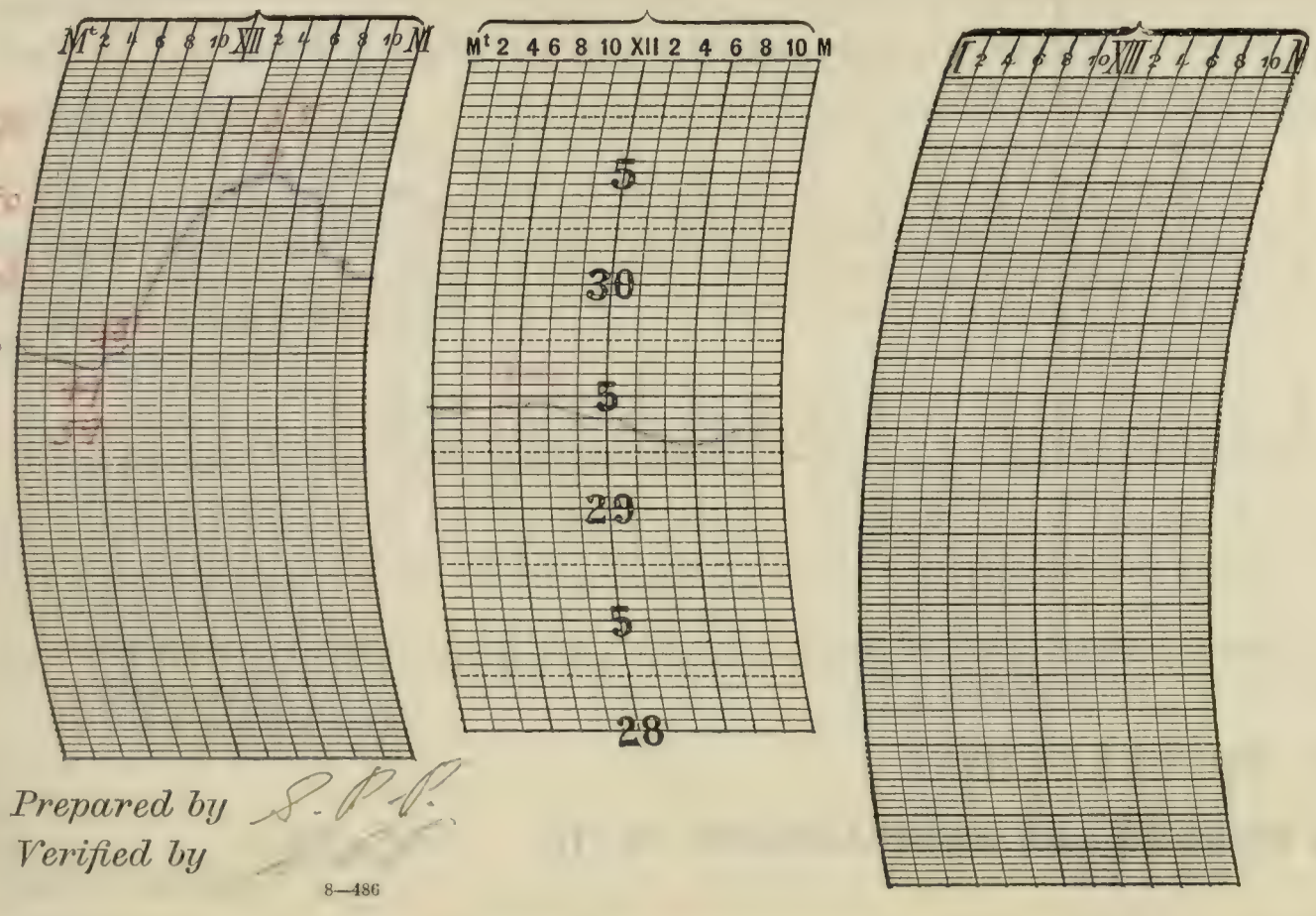
Maximum velocity,	Direction,	Time.
12	W	7:47 pm

Relative humidity, 79 a. m. ____ p. m.

Reduced barometer, 30.04 a. m. ____ p. m.

River gage, 12.5 Fall

NOTES.



Prepared by S. P. P.

Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LASALLE ILL, (Day of week) Friday, (Date) AUG 4 1911, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	71	71	70	69	68	68	69	72	74	79	82	85	84	86	87	87	84	78	77	76	73	72	68	65
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions																								
Sunshine (in tenths of hours)					.08 0	0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0.2	0.2	0	0				
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	W	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	S	S	S
Wind movement	5	5	3	4	2	2	5	6	7	9	10	9	7	9	8	8	7	11	5	3	3	2	3	2
Maximum velocities (exceeding 25 miles)				1																				

Sunrise: Time, 4:55; Character, Clear

Sunset: Time, 7:09; Character, Cloudy

Maximum 85 | Minimum 65 F | Mean | Normal

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .19 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Partly Cloudy; Moon phase

Actual sunshine, hours, 11.1

Possible sunshine, hours, 14.2

Percentage of possible sunshine, 78

Prevailing direction, Southwest

Total movement, 137

Average hourly velocity, 5.7

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

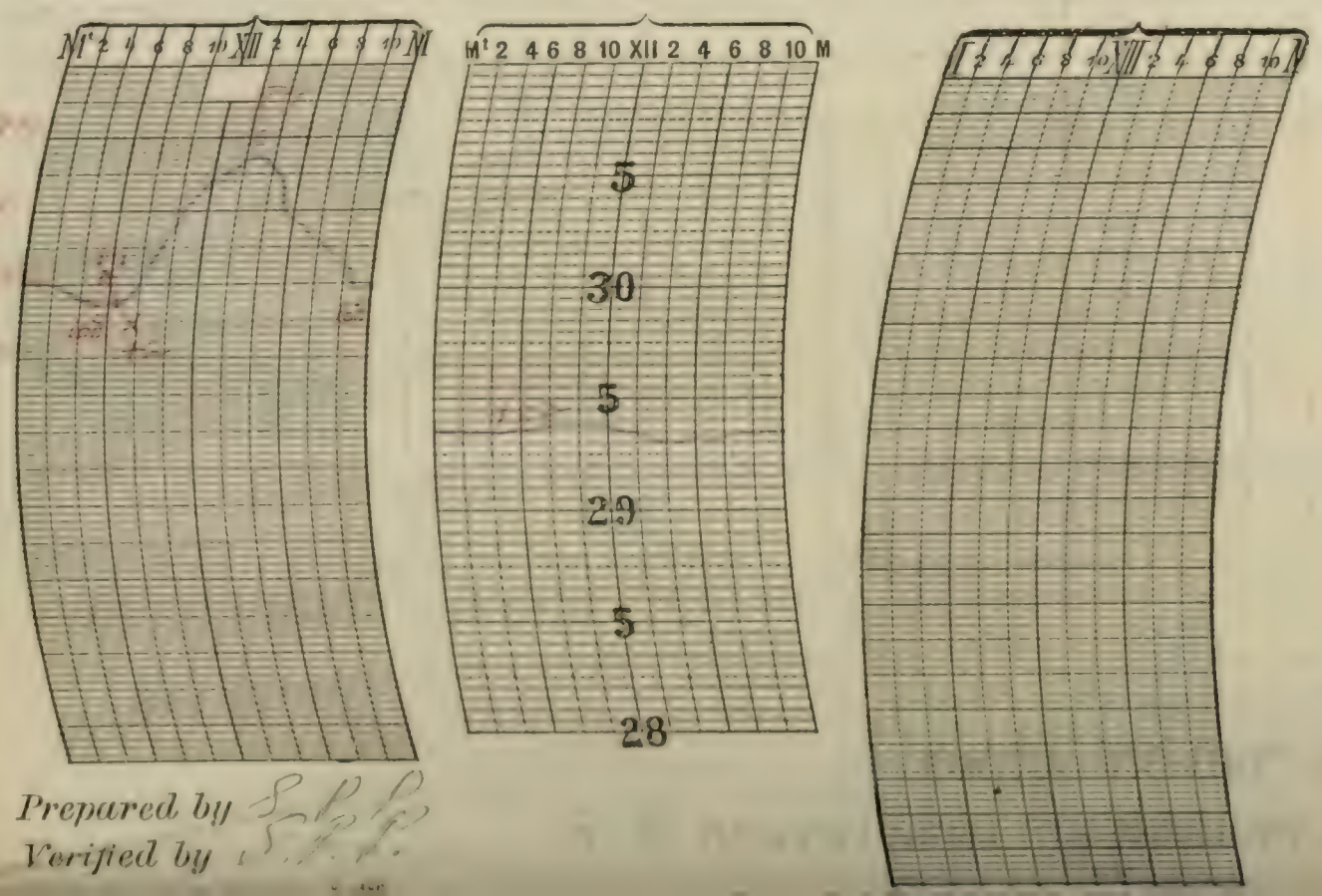
Maximum velocity,	Direction,	Time
14	SW	5:18 p.m.

Relative humidity, 90 a. m. ____ p. m.

Reduced barometer, 29.96 a. m. ____ p. m.

River gage, 12.4 Falling

NOTES.



Prepared by S. L. P.

Verified by S. L. P.

Form No. 1011—Met f.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LASALLE ILL., (Day of week) Saturday, (Date) AUG 5 1911, 191

Time (local standard), 90 mer.

1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	68	67	66	65	64	64	69	74	78	82	85	87
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					← Clear				→ ← Pt Cldy			
Sunrise: Time, Character,	4:56 Clear											
Sunshine (in tenths of hours)					.07 0	1.0 0	0.4 0.6	1.0	1.0	1.0	1.0	1.0
Wind direction	S	SW	SW	SW	S	S	S	SE	SE	S	SW	S
Wind movement	2	1	1	1	1	1	1	2	3	4	5	4
Maximum velocities (exceeding 25 miles)												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	88	89	80	83	83	79	77	76	74	72	72	71
State of weather: Nature of precipitation and time of beginning and ending			RB 2:48	RE 3:07								
Amounts of precipitation			T	T								
Cloudiness and other conditions			→ ← Cloudy						Moon vis.			
Sunset: Time, Character,									7:08 Clear			
Sunshine (in tenths of hours)	1.0	1.0	0.5	0.8	1.0	0.1	0.4 0.1	.13 0				
Wind direction	SW	SW	W	W	NE	NE	NE	E	E	SE	SE	SE
Wind movement	6	5	10	7	9	8	4	4	3	3	2	3
Maximum velocities (exceeding 25 miles)												

Maximum.	Minimum.	Mean.	Normal.
89	64	76	74

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Pt Cldy (4) Moon phase,

Actual sunshine, hours, 12.1

Possible sunshine, hours, 14.2

Percentage of possible sunshine, 85

Prevailing direction South & Southwest

Total movement, 90

Average hourly velocity, 3.8

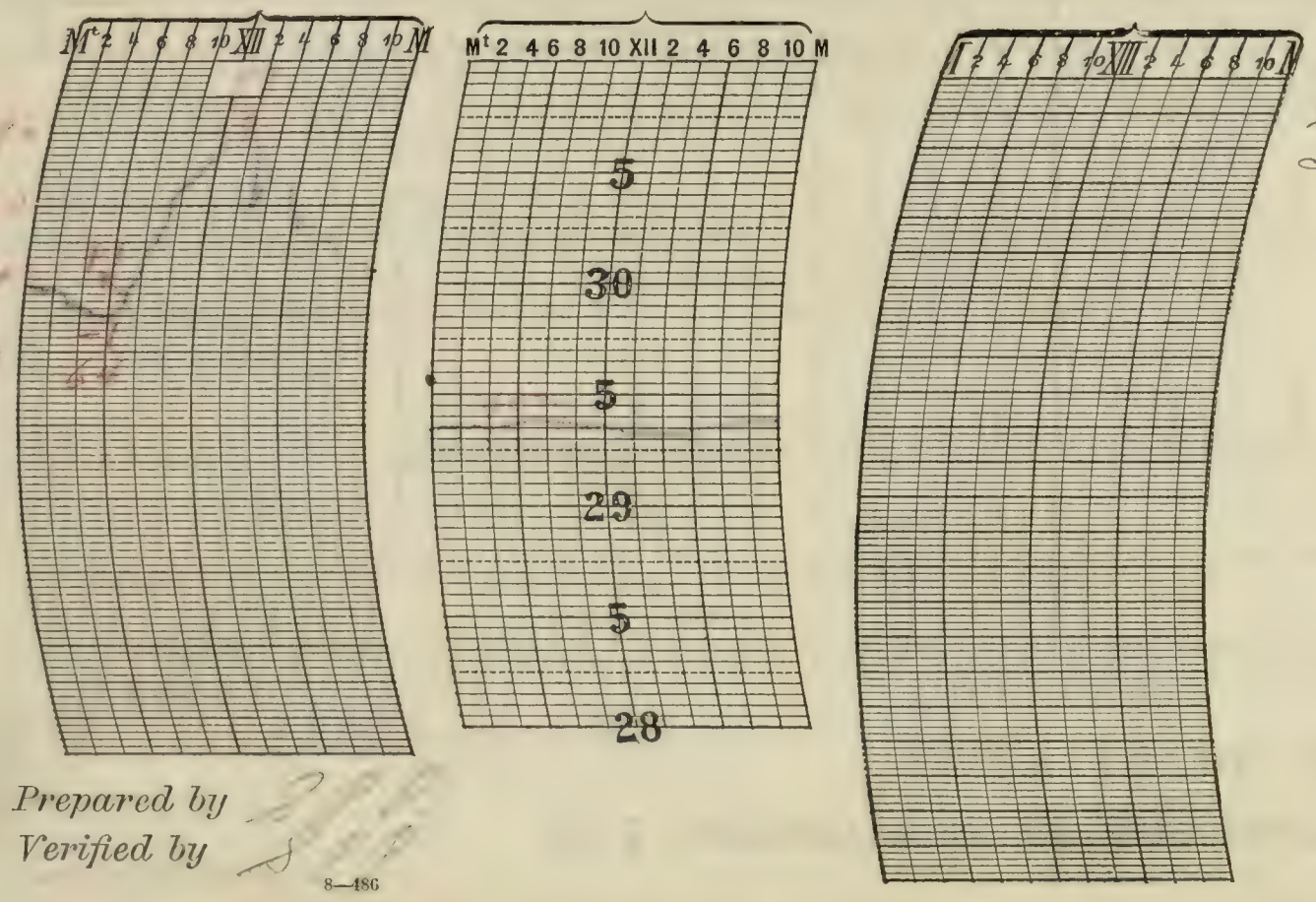
Maximum velocity,	Direction,	Time.
17	NW	2:31 pm

Relative humidity, 88 a. m. ____ p. m.

Reduced barometer, 29.95 a. m. ____ p. m.

River gage, 12.4 Stationary

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.



NOTES.

Thunderstorm: First thunder heard 2:42 pm; last heard at 2:48 pm; storm came from the southwest.

Prepared by

Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

LA SALLE ILL.

(Station) ....., (Day of week) Sunday, (Date) AUG 6 1911, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	68	67	67	65	64	64	69	71	75	81	85	87	90	90	91	92	91	91	89	86	82	82	80	78
State of weather: Nature of precipitation and time of beginning and ending		•																						
Amounts of precipitation																								
Cloudiness and other conditions						←					Clear													
Sunshine (in tenths of hours)					.5 0	1.0 0	.1 0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0 0	.12 0				
Wind direction	NE	E	N	E	E	E	NE	E	E	E	E	SE	SE	S	S	S	SE	SE	SE	SE	SE	SE	E	E
Wind movement	2	1	1	2	5	4	4	6	6	4	6	6	7	6	5	3	4	3	2	2	1	1	7	5
Maximum velocities (exceeding 5 miles)																								

Sunrise: Time, 4:57 Character, Clear

Sunset: Time, 7:07 Character, Clear

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

	Maximum.	Minimum.	Mean.	Normal.
	92	64	78	75

Total depth of snow for 24 hours ending 7 p. m., 0 inches

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear (2) Moon phase,

Actual sunshine, hours, 14.2

Possible sunshine, hours, 14.2

Percentage of possible sunshine 100

Prevailing direction East

Total movement, 93

Average hourly velocity, 3.9

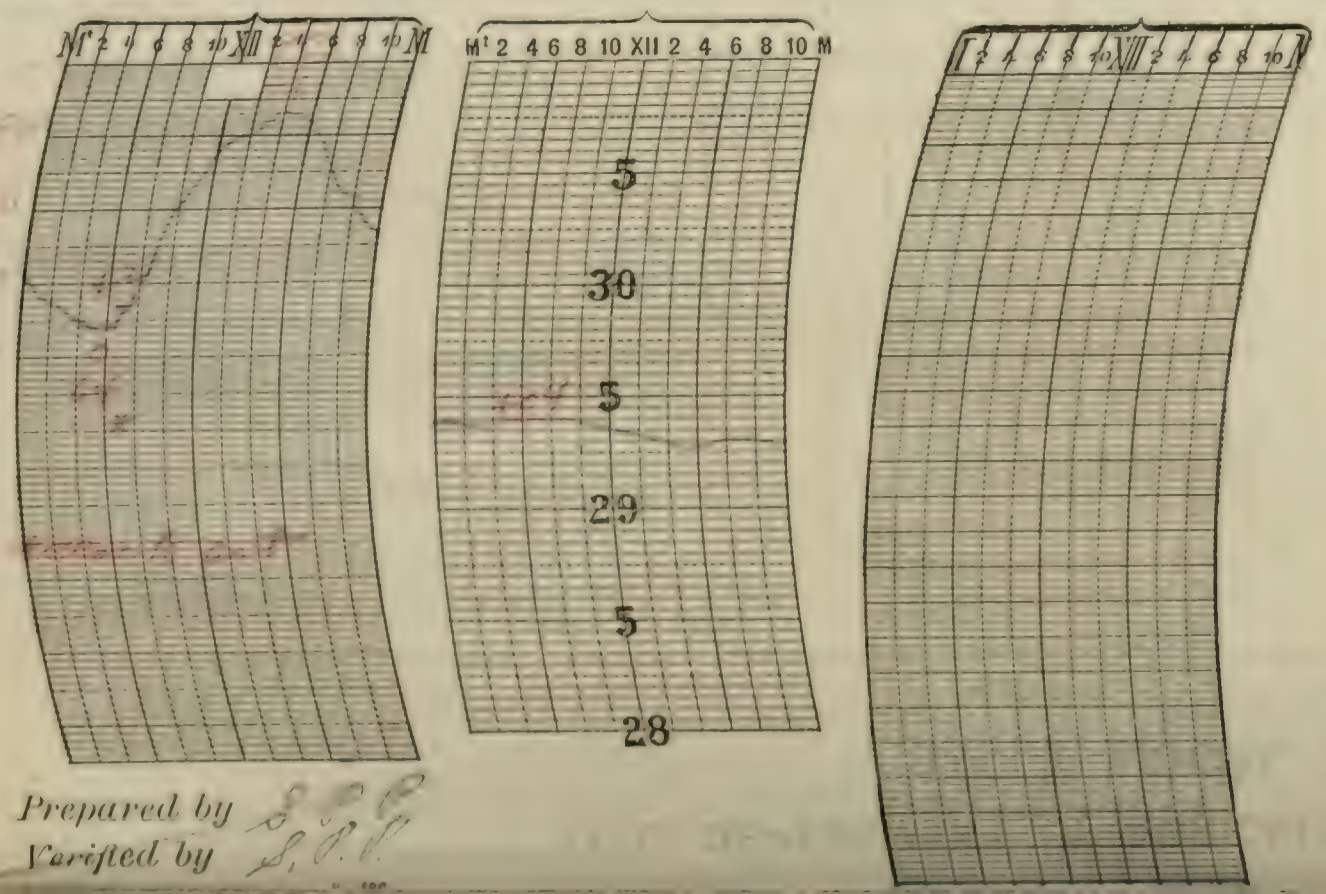
Maximum velocity,	Direction,	Time
10	SE	12:22 p.m.

Relative humidity, 86 a. m. ..... p. m.

Reduced barometer, 30.00 a. m. ..... p. m.

River gage, 12.2 [illegible]

NOTES.



Prepared by [illegible]

Verified by [illegible]

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LAFAYETTE, IN, (Day of week) Monday, (Date) AUG 7 1911, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	77	75	75	76	76 RB 4:45	67	67	67 RB	71	74	77	80
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation					.05	.22	.06	T				
Cloudiness and other conditions					Cloudy							
Sunrise: Time, 4:58 Character, Cloudy												
Sunshine (in tenths of hours)					0	0	0	0.1	0.8	1.0	1.0	1.0
Wind direction	E	E	SE	S	S	SW	S	E	W	SW	SW	SW
Wind movement	3	3	4	7	13	6	5	7	12	11	12	12
Maximum velocities (exceeding 25 miles)					4:52 W 28							

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	82	84	86	88	88	87	85	83	81	80	78	77
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions									Sunset: Time, 7:16 Character, Clear			
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	1.0	1.0	0.7 0.1	.10 0				
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	W	W	W
Wind movement	13	12	14	15	12	11	7	6	8	6	5	5

Maximum	Minimum	Mean	Normal
88	66	77	74

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .03 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, .33 inches.

Character of day, Clear (2) Moon phase,

Actual sunshine, hours, 11.0

Possible sunshine, hours, 14.1

Percentage of possible sunshine, 78

Prevailing direction, Southwest

Total movement, 209

Average hourly velocity, 8.7

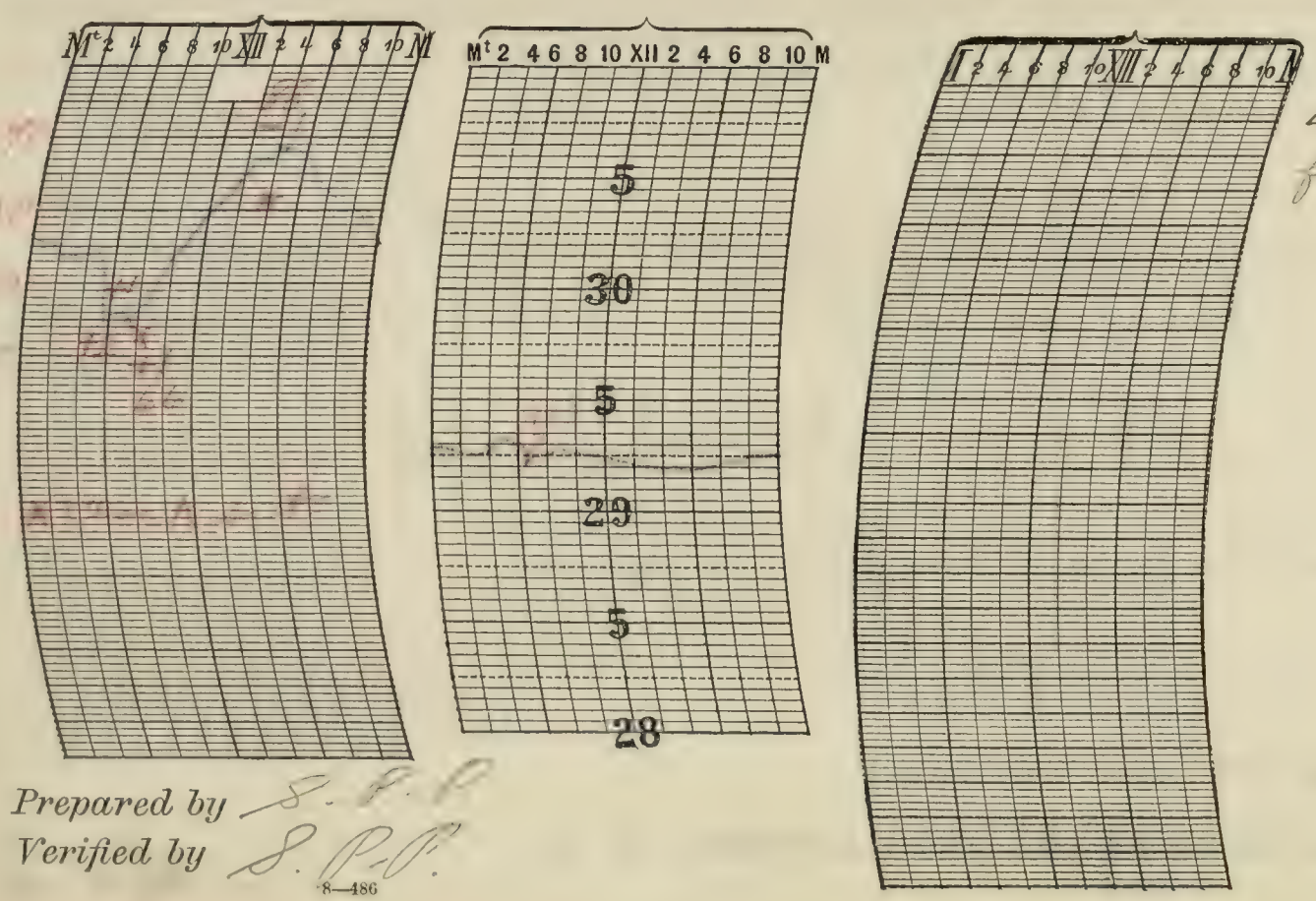
Maximum velocity,	Direction,	Time.
28	W	4:52 am

Relative humidity, 92 a. m. ____ p. m.

Reduced barometer, 29.83 a. m. ____ p. m.

River gage, 12.4 Stationary

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.



NOTES.

Thunderstorm: First thunder heard 4:35 am; last heard 5:20 am; storm came from southwest.

Prepared by S. P. P.

Verified by S. P. P.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Tuesday, (Date) AUG 8 1911, 191

Time (local standard), 90th mer.

	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	75	73	71	69	69	69	70	73	76	79	80	81	83	84	85	85	84	84	81	77	74	72	70	69
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						← Clear									→ Ptcldy		→ Clear					Moon visible		
Sunrise: Time, 4:59 Character, Clear																					Sunset: Time, 7:04 Character, Clear			
Sunshine (in tenths of hours)					0.2 0	0.7 0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0 0	0.7 0				
Wind direction	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	SW	SW	SW	SW	SW	SW	E	E
Wind movement	5	4	3	3	3	4	4	7	6	6	1	9	7	8	5	5	5	4	2	3	1	1	1	2
Maximum velocities (exceeding 30 miles)																								

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
85	69	77	74

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear (2) Moon phase,

Actual sunshine, hours, 14.1

Possible sunshine, hours, 14.1

Percentage of possible sunshine, 100

Prevailing direction, West-Northwest

Total movement, 108

Average hourly velocity, 4.5

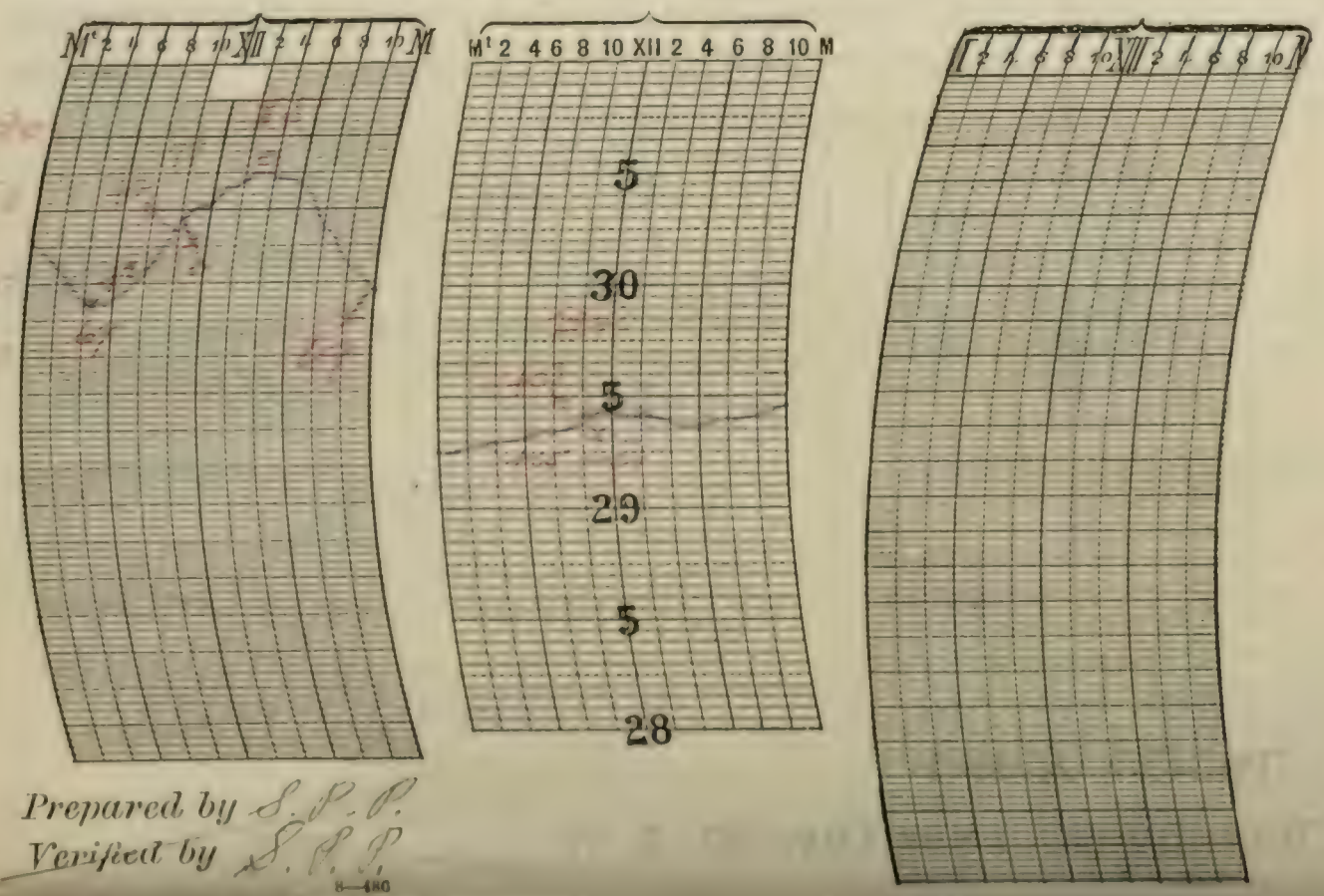
Maximum velocity,	Direction,	Time.
11	NW	11:40 a. m.

Relative humidity, 83 a. m. p. m.

Reduced barometer, 29.94 a. m. p. m.

River gage, 12.6 Rising

NOTES.



Prepared by S. P. P.
Verified by S. P. P.

8—480

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Wednesday (Date) AUG 9 1911, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	68	68	66	66	65	65	68	76	83	85	86	86
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions						Clear					Cloudy	
Sunrise: Time, 4:59; Character, Clear												
Sunshine (in tenths of hours)					.02 0	1.0 0	0.3 0.7	1.0	1.0	1.0	1.0	0.8
Wind direction	N	N	NE	NE	NE	NE	E	E	S	S	S	S
Wind movement	2	1	4	2	2	3	4	5	6	7	5	4
Maximum velocities (exceeding 25 miles)												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	67 CB 12:58	66	65	71	74 RE 4:10	73	71	69	67	66	66	66
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation	T	.17	.19	.03	T							
Cloudiness and other conditions							Pt Cloudy		Ucl			
Sunrise: Time, Character,									Sunset: Time, 7:03; Character, Cloudy			
Sunshine (in tenths of hours)	0	0	0	0	0	0	0	0				
Wind direction	S	W	SW	SW	SE	W	NE	NE	NE	NE	N	N
Wind movement	11	8	5	14	4	3	8	2	1	2	1	1
Maximum velocities (exceeding 25 miles)	12:52 W 37			3:35 SE 25								

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Maximum.	Minimum.	Mean.	Normal.
86	64	75	74

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., .39 ins.

Total precipitation, midnight to midnight, .39 inches.

Character of day, Pt Cloudy Moon phase, O 10:55 p

Actual sunshine, hours, 6.8

Possible sunshine, hours, 14.1

Percentage of possible sunshine, 48

Prevailing direction Northeast

Total movement, 105

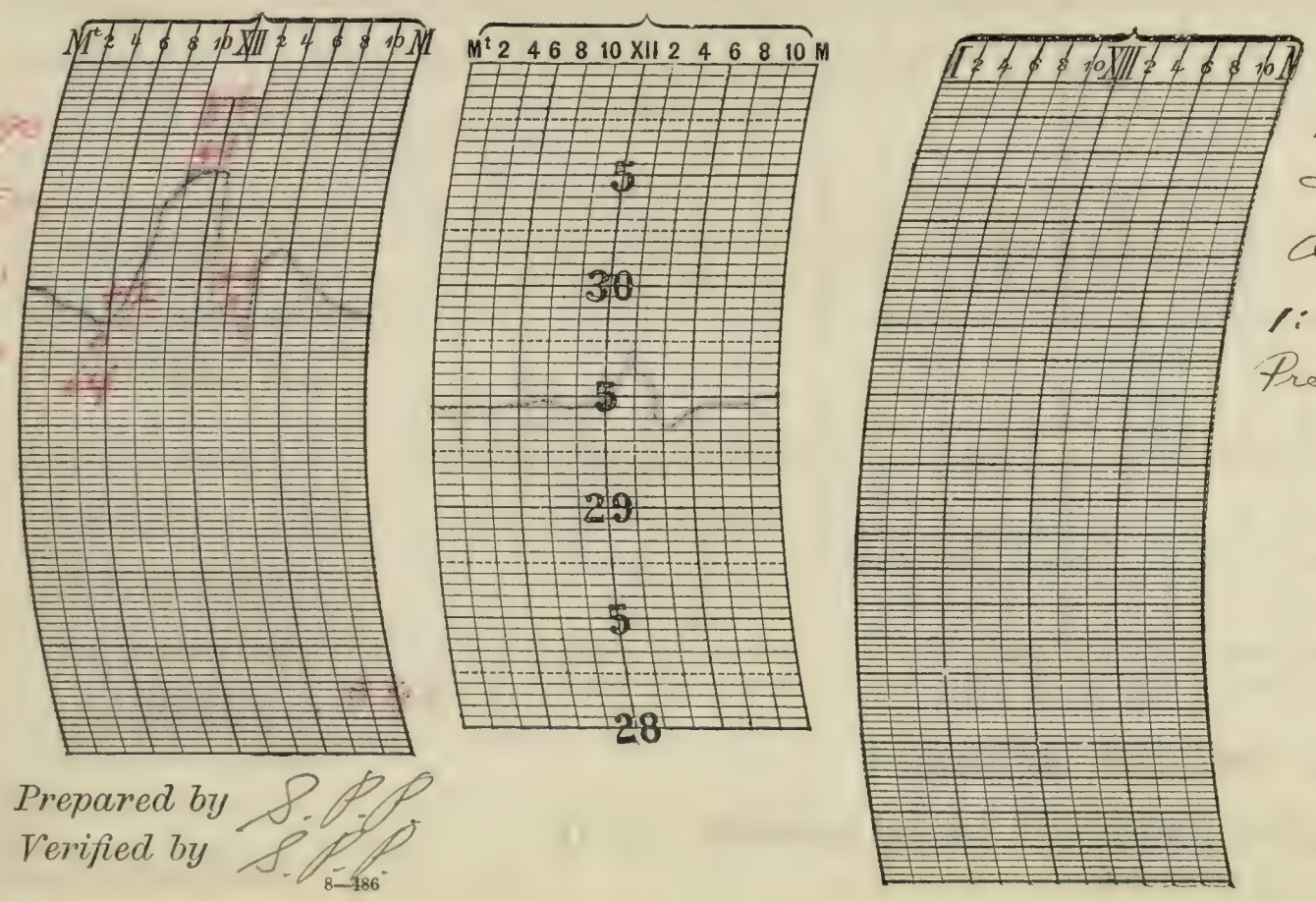
Average hourly velocity, 4.4

Maximum velocity,	Direction,	Time.
37	W	12:52 pm

Relative humidity, 83 a. m. ____ p. m.

Reduced barometer, 30.03 a. m. ____ p. m.

River gage, 12.4 Falling



NOTES.

Thunderstorm: First thunder heard 12:35 pm; last heard at 2:43 pm; storm came from W.

A special observation was taken at 1:40 pm and telegraphed to Washington. Pressure rose very rapidly.

Prepared by S. P. P.
Verified by S. P. P.

8—186

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Thursday, (Date) AUG 10 1911, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	66	68	68	68	68	68	72	72	72	75	80	83
State of weather: Nature of precipitation and time of beginning and ending		R B D Ua	R E D Ua									
Amounts of precipitation		.04	.01									
Cloudiness and other conditions					Cloudy					Partly Cloudy		
Sunrise: Time, Character	5:00 Cloudy											
Sunshine (in tenths of hours)						0	0	0	0.4	1.0	1.0	1.0
Wind direction	NW	NW	NE	E	SW	SE	S	N	NE	NE	E	SE
Wind movement	2	8	5	11	3	3	4	7	6	7	5	7
Maximum velocities (exceeding 25 miles)												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	86	87	88	89	90	90	87	86	85	77	73	70
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions				Clear				Partly Cloudy				
Sunset: Time, Character									7:02 Clear			
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	1.0	1.0	0.7 0.3	0				
Wind direction	SE	S	S	S	S	S	S	SW	SW	N	NE	NE
Wind movement	5	6	8	9	9	9	7	7	3	12	17	8
Maximum velocities (exceeding 25 miles)												

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
90	66	78	73

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .05 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, .05 inches.

Character of day, Partly Cloudy. Moon phase

Actual sunshine, hours, 10.4

Possible sunshine, hours, 14.0

Percentage of possible sunshine 74

Prevailing direction South

Total movement, 168

Average hourly velocity, 7.0

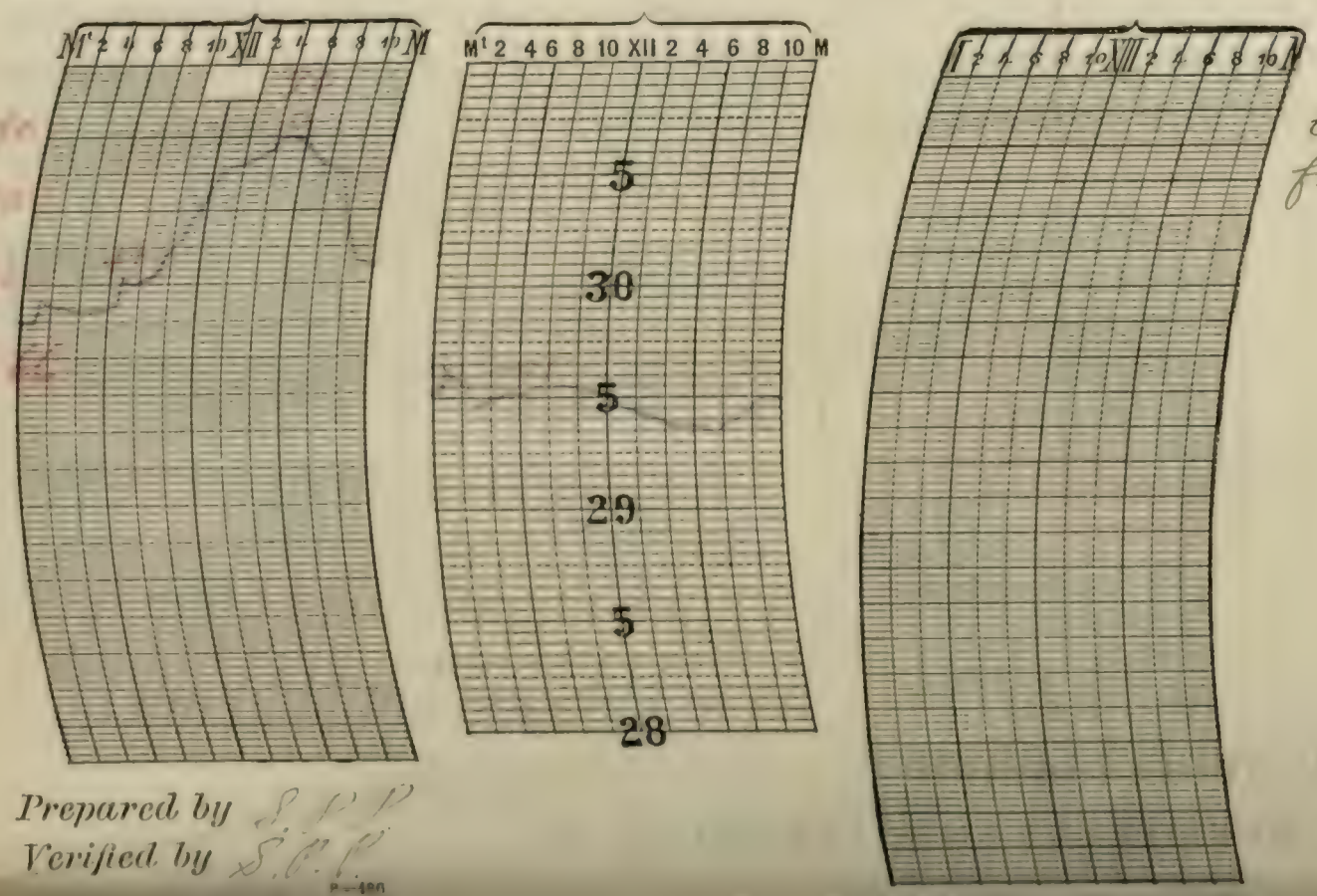
Maximum velocity,	Direction,	Time.
23	NE	10:25 p.m.

Relative humidity, 75 a. m. p. m.

Reduced barometer, 30.06 a. m. p. m.

River gage, 12.1 Falls

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.



NOTES.

Thunderstorm: first and last thunder heard D Ua. Storm came from northwest

Prepared by S. W. P.

Verified by S. C. P.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LASALLE, ILL., *(Day of week)* Friday, *(Date)* AUG 1 3 1901, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	73	73	67	67	67	67	68	67	68	66	69	71
State of weather: Nature of precipitation and time of beginning and ending			RB 2:00	RE DHa			RB 6:17 RE 6:20 RB 6:41	RE 7:03	RB 8:25	RE 7:51		
Amounts of precipitation			.70	.46	.01		T	T	T	T		
Cloudiness and other conditions										Cloudy		
Sunrise: Time, Character,	5:02 Cloudy											
Sunshine (in tenths of hours)						0	0	0	0	0	0.1	0.8
Wind direction	E	NE	N	N	E	E	SE	SE	NE	NE	NE	NE
Wind movement	5	7	7	5	4	2	5	4	7	11	10	10

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	72	73	73	71	71	70	70	69	67	66	65	64
State of weather: Nature of precipitation and time of beginning and ending										RB	DH	Up
Amounts of precipitation												.09
Cloudiness and other conditions							Thunderstorm at intervals Partly Cloudy				Cloudy	
Sunset: Time, Character,									7:30 Cloudy			
Sunshine (in tenths of hours)	1.0	1.0	0.3	0	0	0	0					
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	E	E
Wind movement	12	12	12	12	12	9	9	11	15	10	12	9

Maximum velocities (exceeding 25 miles)

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts: 2:00 a	DHa	1.17	2:30 a	2:39 a	0.21	.22	.29												

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
73	64	68	73

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 1.17 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, 1.26 inches.

Character of day, Cloudy (9) Moon phase,

Actual sunshine, hours, 3.2

Possible sunshine, hours, 14

Percentage of possible sunshine, 23

Prevailing direction Northeast

Total movement, 208

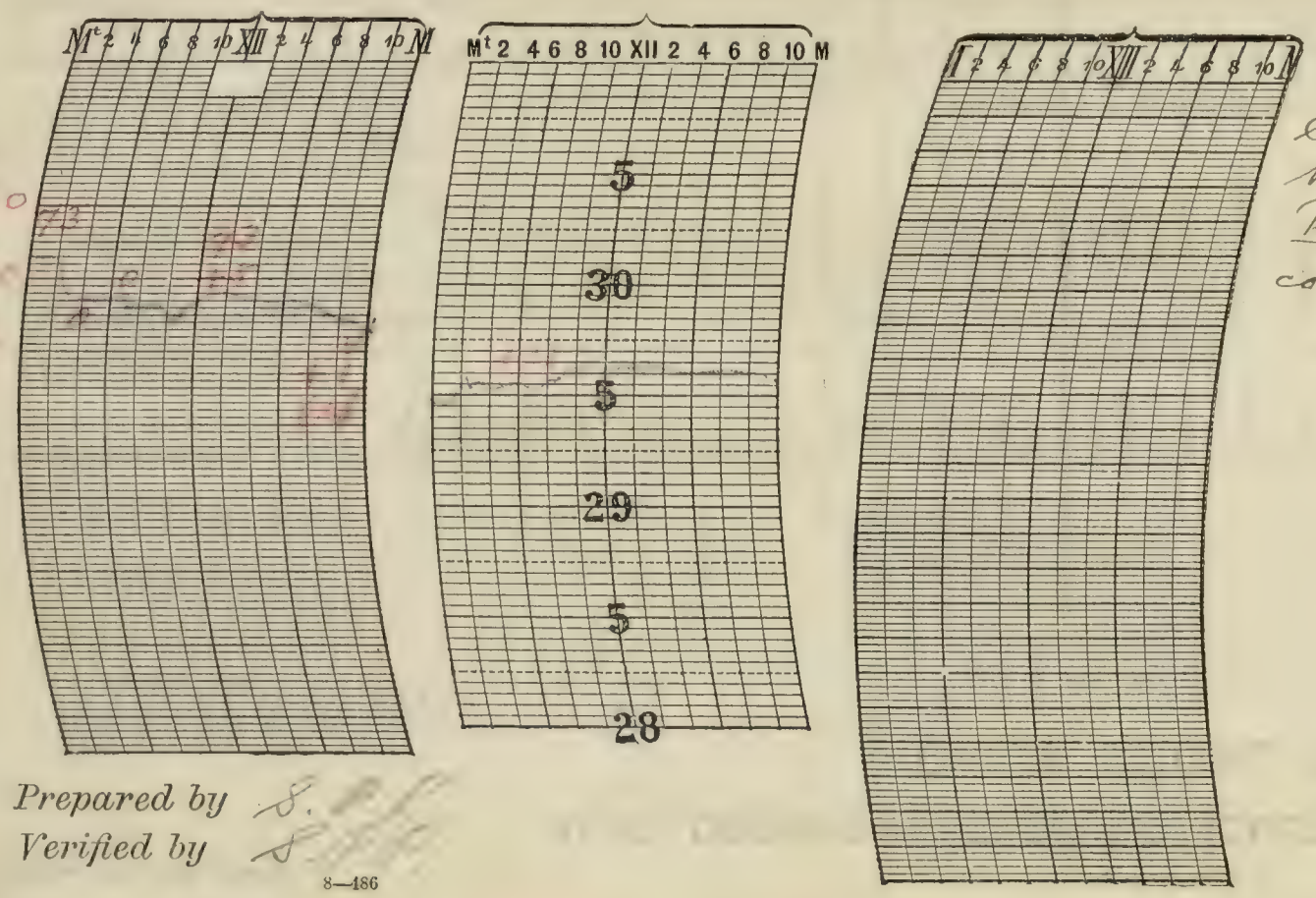
Average hourly velocity, 8.7

Maximum velocity,	Direction,	Time.
17	NE	2:26 pm

Relative humidity, 95 a. m. p. m.

Reduced barometer, 30.10 a. m. p. m.

River gage, 12.1 Stationary



NOTES.

Thunderstorm: First thunder heard DHa; last thunder heard DHa; storm came from N.W.

Thunderstorm: First thunder heard DUp; continued into next day. Came from N.W.

Prepared by S.

Verified by S.

8—186

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) LA S..., (Day of week) ..., (Date) AUG 12, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	65	65	65	65	65	66	66	67	67	66	67	69
Nature of precipitation and time of beginning and ending		RE	D	Ha					RB 8:05	RE 9:42		
Amounts of precipitation	.65	1.34	.13	.01					1.02	.03		
Cloudiness and other conditions							Cloudy					
Sunrise: Time, 5:03 Character, Cloudy												
Sunshine (in tenths of hours)						0	0	0	0	0	0	0.1
Wind direction	E	W	E	NE	NE	E	E	E	W	NE	NE	SE
Wind movement	12	5	8	8	11	10	6	4	5	2	4	7

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	75	79	81	83	83	82	80	78	76	75	73	71
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions			× P.C. ×				Cloudy					
Sunset: Time, 6:57 Character, Cloudy												
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	0.7	1.0	0					
Wind direction	SE	S	S	S	S	NE	NE	NE	E	E	E	E
Wind movement	4	7	7	3	3	5	4	7	8	9	8	7

Maximum velocities (exceeding 25 miles)

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
84	64	74	73

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m. 2.22 ins.; to 7 p. m. 1.05 ins.

Total precipitation, midnight to midnight 3.18 inches.

Character of day, Cloudy Moon phase, ...

Actual sunshine, hours, 5.8

Possible sunshine, hours, 13.9

Percentage of possible sunshine, 42

Prevailing direction, East

Total movement, 155

Average hourly velocity, 6.5

Maximum velocity,	Direction,	Time.
19	W	12:07 am

Relative humidity, 96 a. m. ... p. m.

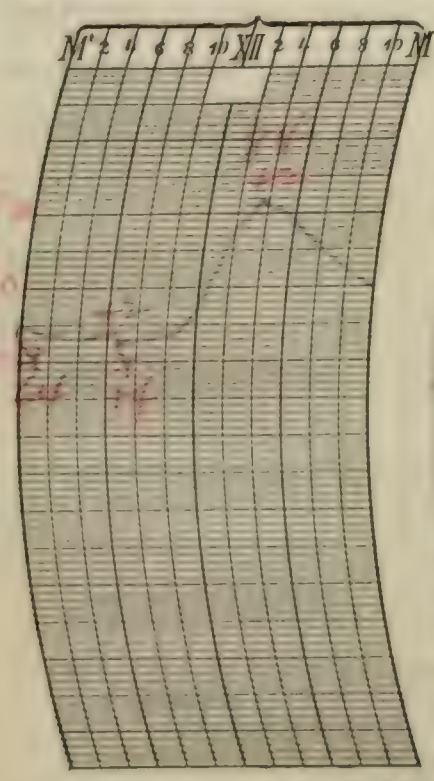
Reduced barometer, 30.15 a. m. ... p. m.

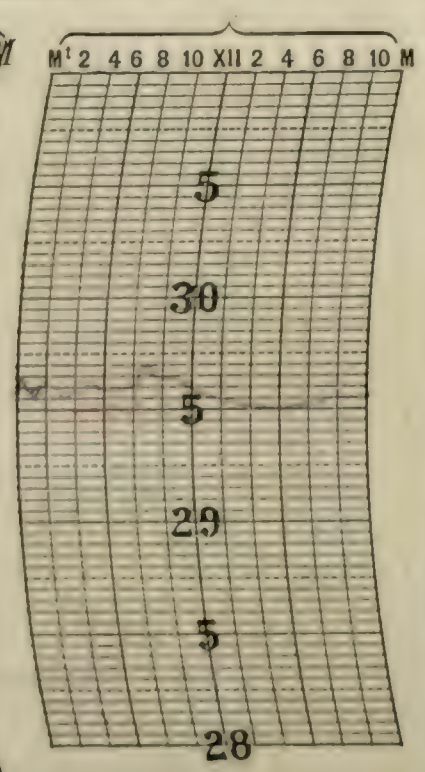
River gage, 12.6 falling

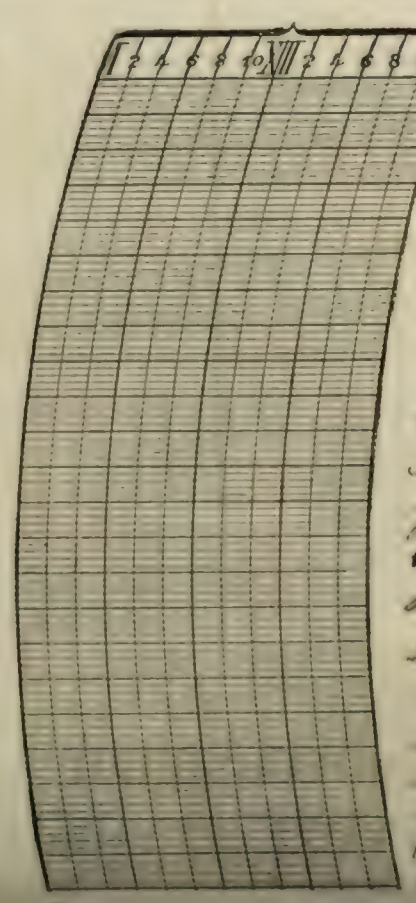
Excessive precipitation, accumulated amounts

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Dep 11"	Dla 1:00	2.22	12:13a	1:52a	0.10	.11	.22	.30	.32	.37	.42	.48	.51	.57	.77	1.00	1.63	1.97	
8:05a	9:42a	1.05	8:05a	8:36a	0.00	.21	.43	.49	.62	[illegible]	[illegible]	[illegible]							

Accumulated depths during excessive rate, for consecutive periods of time indicated below.







Prepared by ...

Verified by ...

NOTES.

Thunderstorm: First thunder heard preceding day; last thunder heard Dla; storm came from northwest.

Thunderstorm: First thunder heard 5:00 am; last heard 9:15 am; storm came from northwest.

The first thunderstorm was the most severe, but both did great damage. Much damage was done by lightning and by the excessive precipitation. A washout occurred on the Rock Island at Marquette and a wreck resulted. Many residences and barns were struck by lightning causing the loss of much property, the owners of those suffering loss were S. D. Harts [illegible] whose barn and many farm implements were destroyed and Martin Dick, south of Spring Valley, [illegible] barn [illegible] Vol. [illegible] further details of damage see clipping pasted in book of [illegible]

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LAS, (Day of week) Sunday, (Date) AUG 13 1911, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	71	71	71	71	71	71	71	73	78	79	82	83
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					Cloudy		P.C.		Cloudy			
Sunrise: Time, Character,	5:04 Cloudy											
Sunshine (in tenths of hours)						0	0	0.7	1.0	1.0	1.0	1.0
Wind direction	E	E	E	E	E	E	NE	E	E	SW	SW	W
Wind movement	9	5	6	5	2	3	4	6	4	7	7	5

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	82	82	85	86	88	88	84	83	81	78	76	75
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Cloudy		Pt Cldy		Clear							
Sunset: Time, Character,									6:18 Clear			
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	1.0	1.0	.87 .10					
Wind direction	N	E	SW	SW	SW	SW	SW	S	SW	SW	SW	SW
Wind movement	6	7	9	7	6	8	6	5	5	5	5	3

Maximum velocities (exceeding 25 miles)

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

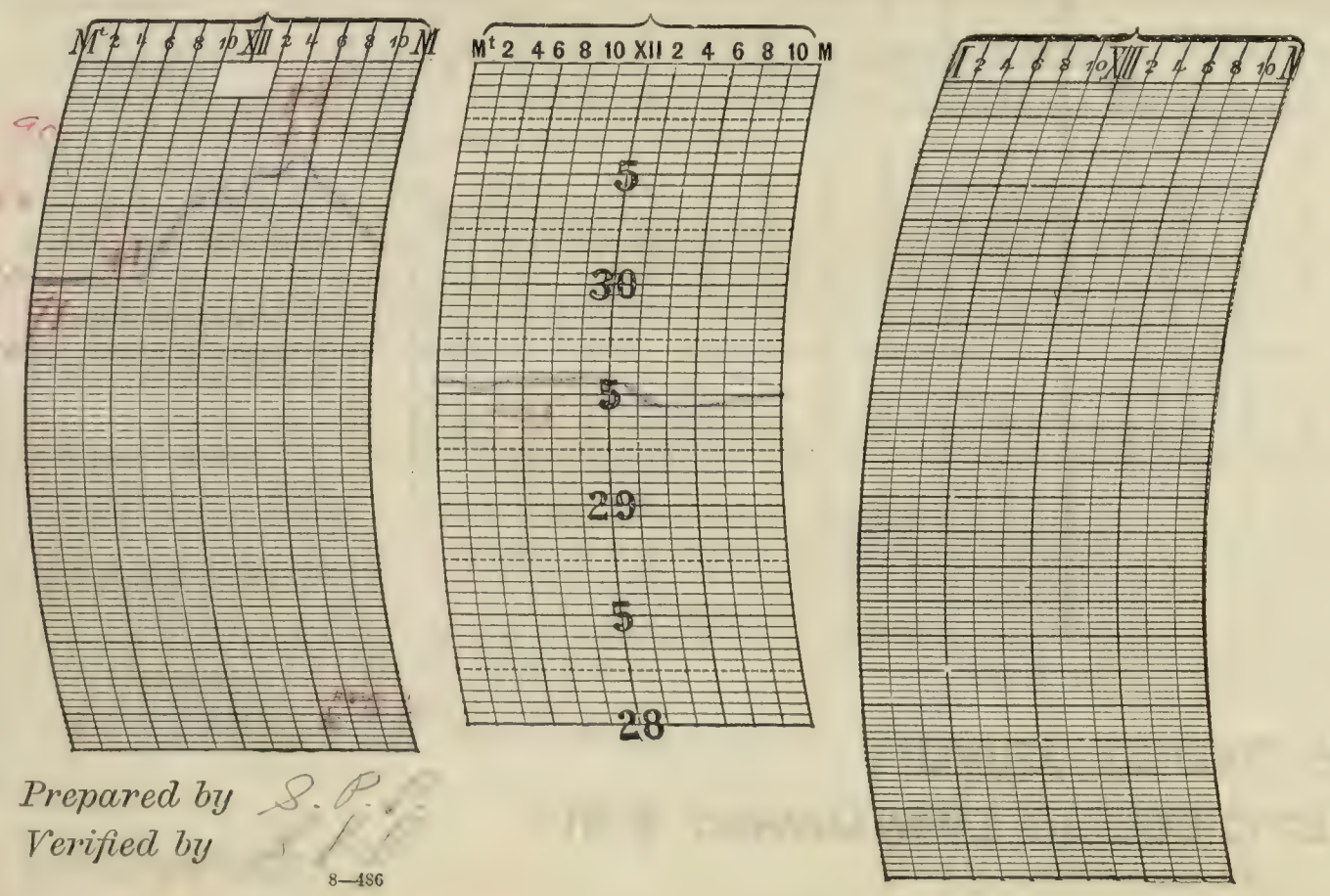
	Maximum.	Minimum.	Mean.	Normal.
	88	71	80	73

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt Cldy Moon phase,
Actual sunshine, hours, 11.7
Possible sunshine, hours, 13.9
Percentage of possible sunshine, 84
Prevailing direction, Southwest
Total movement, 135
Average hourly velocity, 5.6

Maximum velocity,	Direction,	Time.
12	SW	4:45 pm

Relative humidity, 93 a. m. p. m.
Reduced barometer, 30.13 a. m. p. m.
River gage, 13.5 Rising

NOTES.



Prepared by S. P.
Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Monday, (Date) AUG 14 1911, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	73	72	71	70	69	70	71	74	77	80	83	86	88	89	89	89	89	88	85	84	83	76	73	73
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						Clear					P. Co		Clear								P. Co.			
Sunrise: Time, 5:05 Character, Clear																					Sunset: Time, 6:56 Character, Clear			
Sunshine (in tenths of hours)						0	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	0					
Wind direction	SW	SW	SW	SW	SW	SW	SW	S	SW	SW	SW	SW	SW	S	SW	SW	SW	SW	SW	SW	W	NE	E	SW
Wind movement	5	3	4	3	4	1	1	2	[illegible]	7	5	5	4	5	7	6	5	6	7	5	3	9	6	4
Maximum velocities (exceeding 20 miles)																								

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
89	69	79	73

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., ins.

Total precipitation, midnight to midnight, inches.

Character of day, Clear Moon phase,

Actual sunshine, hours, 13.4

Possible sunshine, hours, 13.8

Percentage of possible sunshine, 97

Prevailing direction, Southwest

Total movement, 113

Average hourly velocity, 4.7

Maximum velocity,	Direction,	Time
18	N	9:18 pm

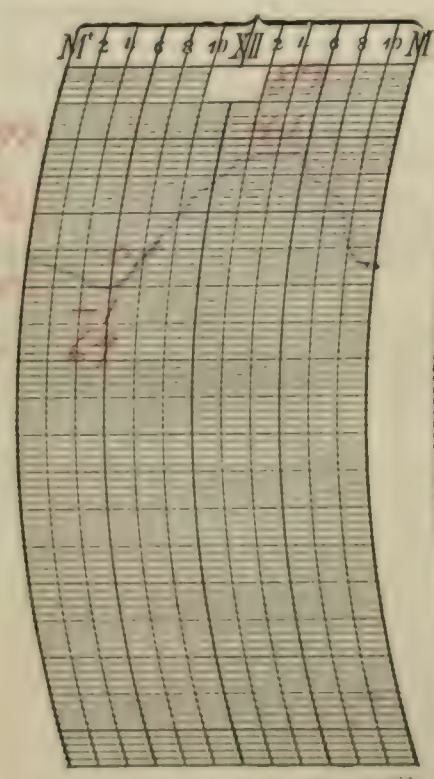
Relative humidity, 93 a. m. p. m.

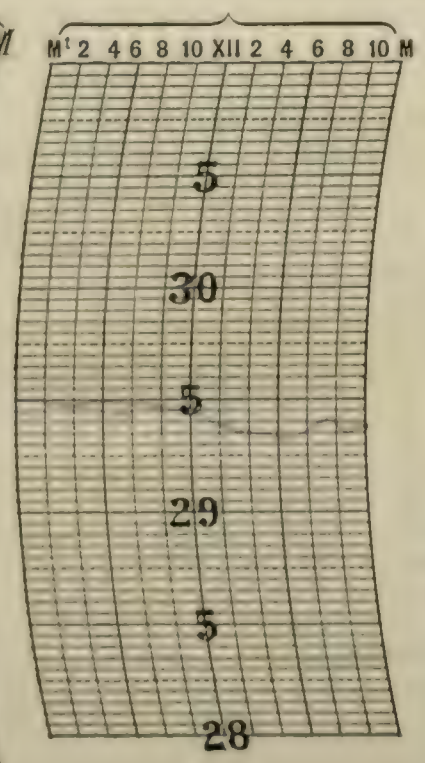
Reduced barometer, 30.05 a. m. p. m.

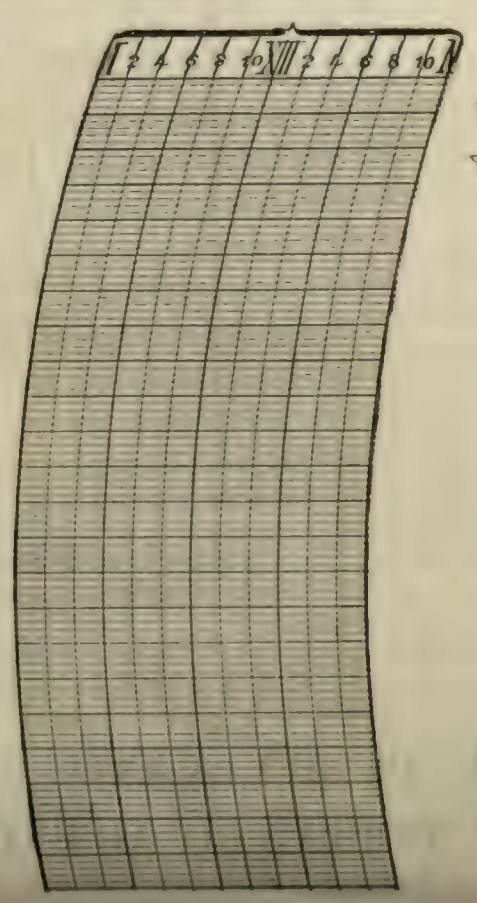
River gage, 13.3

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.







NOTES.

Thunderstorm: First thunder heard 9:20 pm; last heard 10:20 pm; storm came from northwest

Prepared by S. P. P.

Verified by S. P. P.

8—486

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LASALLE ILL., (Day of week) Tuesday, (Date) AUG 15 1911, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	71	71	70	69	68	69	71	73	77	81	82	83
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Moon visible					Clear						
Sunrise: Time, Character,	5:06 Clear											
Sunshine (in tenths of hours)						.90 0	1.0	1.0	1.0	1.0	1.0	1.0
Wind direction	N	N	N	NW	NW	NW	NW	N	N	N	N	NW
Wind movement	6	3	1	3	2	2	3	4	6	5	4	5
Maximum velocities (exceeding 20 miles)												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	86	87	88	88	88	86	85	80	78	77	76	72
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions												
Sunset: Time, Character,									6:55 Clear			
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	1.0	1.0	.70 .20					
Wind direction	NE	NE	NE	NE	NE	SE	SE	0	SE	0	SE	SE
Wind movement	4	4	4	5	3	2	1	0	1	0	1	1
Maximum velocities (exceeding 20 miles)												

	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
89	68	78	72

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear (50) Moon phase,

Actual sunshine, hours, 13.8

Possible sunshine, hours, 13.8

Percentage of possible sunshine, 100

Prevailing direction, North

Total movement, 70

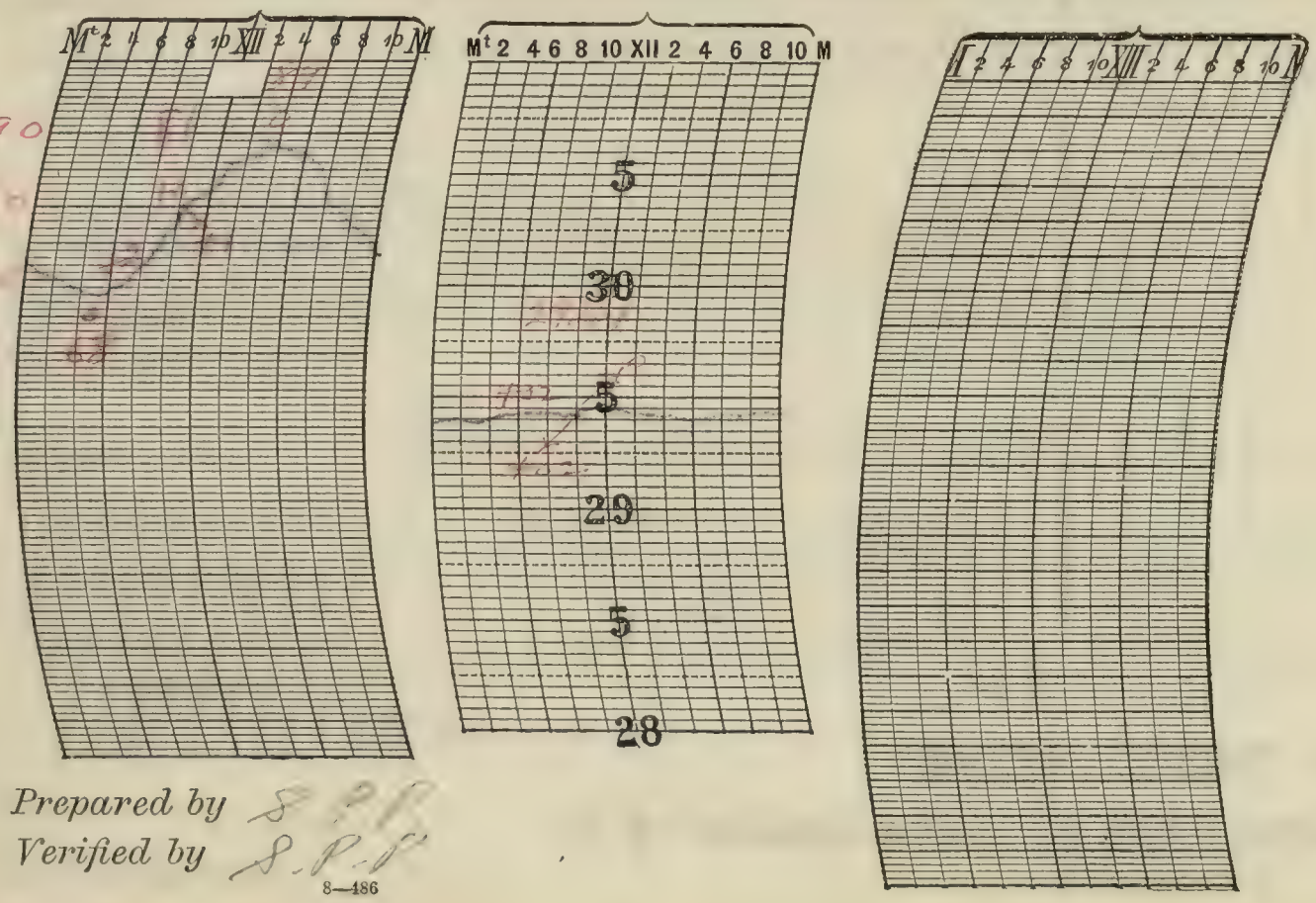
Average hourly velocity, 2.9

Maximum velocity,	Direction,	Time.
7	N	12:20 a

Relative humidity, 86 a. m. p. m.

Reduced barometer, 30.01 a. m. p. m.

River gage, 13.3 Stationary



NOTES.

Prepared by S. P. B.

Verified by S. P. B.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) LASALLE ILL, (Day of week) Wednesday, (Date) AUG 16 1911, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	72	72	71	69	69	68	70	72	77	80	84	87	90	92	93	94	92	90	79	76	75	74	73	73
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions								Clear									H.C.K. Cloudy							
Sunrise: Time, Character	5:07 Clear																				Sunset: Time, Character 6:54 Cloudy			
Sunshine (in tenths of hours)						10	10						1.0	1.0	1.0	1.0	1.0	0.2	0.					
Wind direction	SE	S	S	S	S	S	S	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	NW	NE	NE	NE	S	S
Wind movement	1	2	3	2	3	1	2	6	9	7	7	2	11	12	9	9	5	5	8	7	4	2	4	2
Maximum velocities (exceeding 25 miles)																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Maximum.	Minimum.	Mean.	Normal.
94	67		

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Actual sunshine, hours, 12.1

Possible sunshine, hours, 13.8

Percentage of possible sunshine,

Prevailing direction, Southwest

Total movement, 129

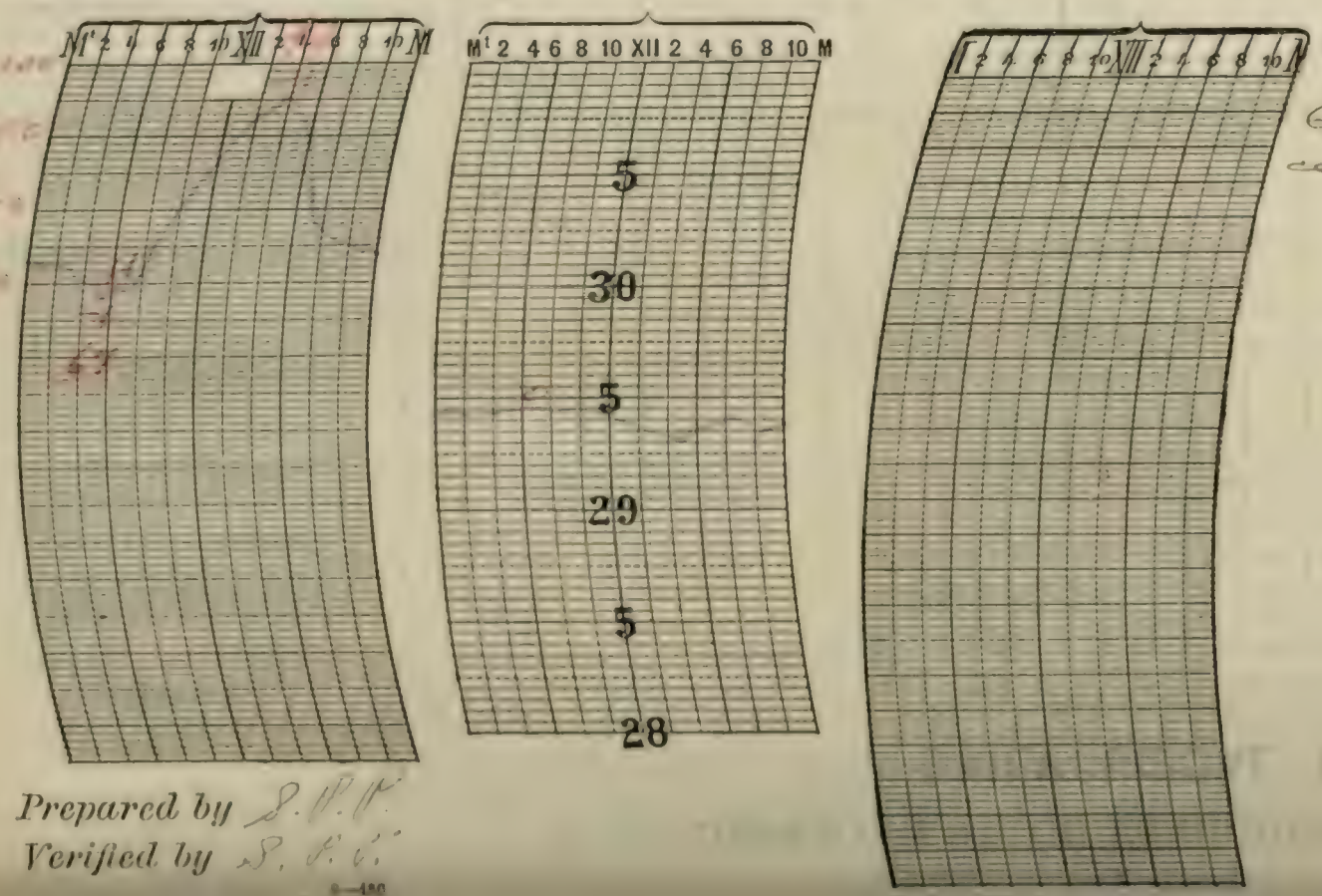
Average hourly velocity, 5.4

Maximum velocity,	Direction,	Time.
19	N	6:53 pm

Relative humidity, 86 a. m. p. m.

Reduced barometer, 30.21 a. m. p. m.

River gage, 13.2 Falling



NOTES.

Thunderstorm; first thunder heard 6:20 pm; last heard 6:35 pm; storm came from northwest.

Prepared by S. W. W.

Verified by S. F. V.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) [illegible], (Day of week) [illegible], (Date) AUG 17 1911, 191

Time (local standard), 90 mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	72	71	71	71	71	71	71	73	75	77	79	79	81	81	81	83	84	82	78	76	74	73	71	70
State of weather: Nature of precipitation and time of beginning and ending									RB SH RE															
Amounts of precipitation									T															
Cloudiness and other conditions						Clear			Dry						X P.C.	X	Clear							
Sunshine (in tenths of hours)						0	0	0	0	0.3	0.6	0.4	0.3	0.1	0.1	0.7	1.0	1.0	.67 .20					
Wind direction	W	W	W	W	W	W	W	W	W	W	W	W	W	SW	W	W	W	W	W	W	W	W	W	W
Wind movement	4	3	2	1	2	2	1	3	3	2	3	3	3	6	7	5	7	6	4	5	5	5	3	3
Maximum velocities (exceeding ____ miles)																								

Sunrise: Time, 5:08; Character, Cloudy

Sunset: Time, 6:52; Character, Clear

Excessive precipitation, accumulated amounts	Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
84	70	77	76

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Pt Cldy (7) Moon phase, ☾ 6:11 am

Actual sunshine, hours, 5.4

Possible sunshine, hours, 13.7

Percentage of possible sunshine, 39

Prevailing direction, Northwest

Total movement, 88

Average hourly velocity, 3.7

Maximum velocity,	Direction,	Time.
9	SW	1:37 pm

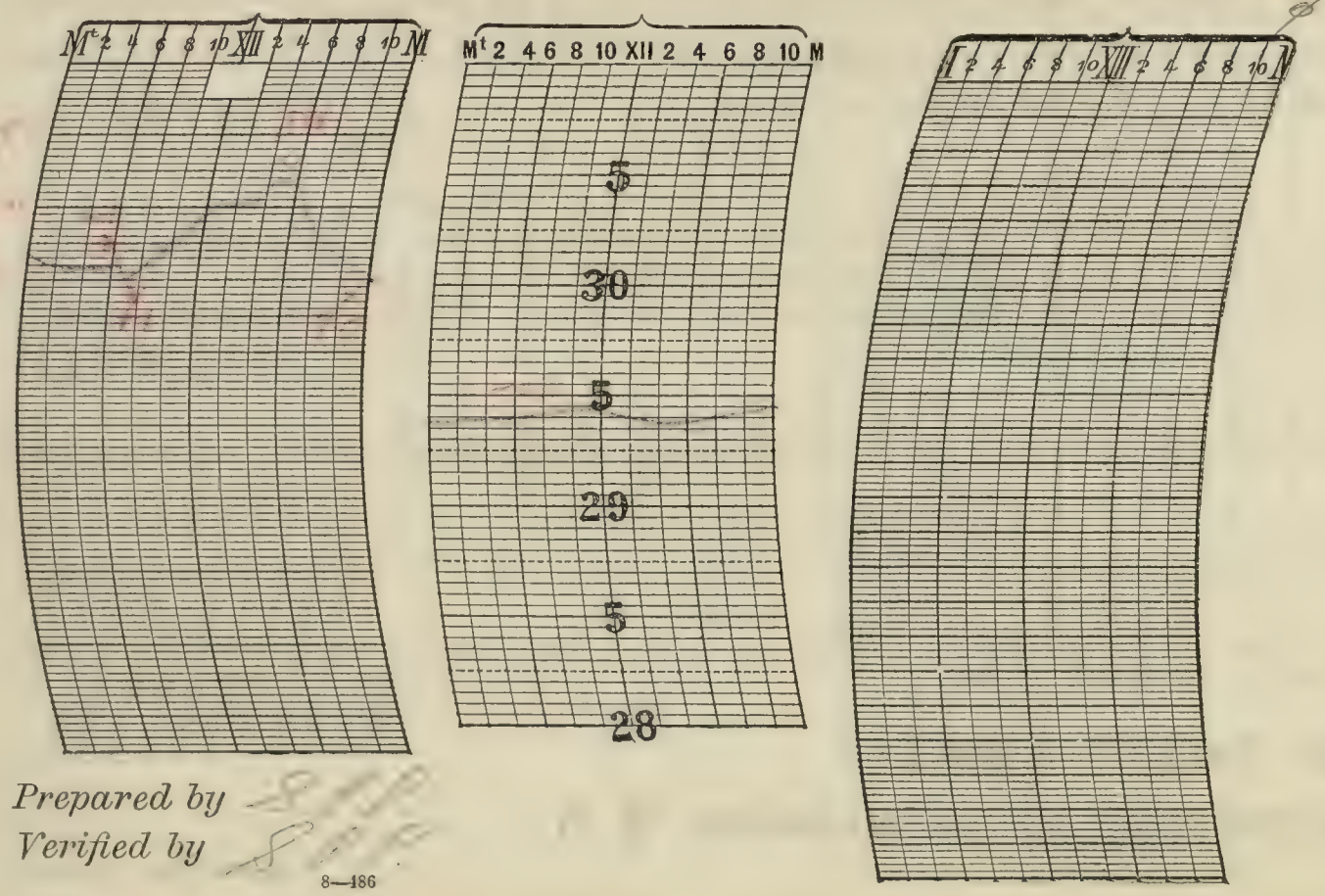
Relative humidity, 88 a. m. ____ p. m.

Reduced barometer, 29.95 a. m. ____ p. m.

River gage, 1.31 Falling

Ø Eye observation

NOTES.



Prepared by [illegible]

Verified by [illegible]

8—186

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) LASALLE, ILL., (Day of week) Friday, (Date) AUG 1 1911, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	69	67	66	66	64	65	67	71	74	77	78	78
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Clear											
Sunrise: Time, 5:09; Character, Clear												
Sunshine (in tenths of hours)						0 (.85)	0.2 (0.8)	1.0	1.0	1.0	1.0	1.0
Wind direction	NW	NW	NW	N	N	N	NW	NW	NE	NE	N	N
Wind movement	3	3	6	6	4	3	3	5	9	7	7	1

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	79	80	80	80	79	78	73	72	70	65	63	62
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions												
Sunset: Time, 6:15; Character, Clear												
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	1.0	1.0	0.2 (.65)					
Wind direction	NW	NW	NW	NW	NW	NW	N	N	N	E	NE	NE
Wind movement	8	8	9	8	9	6	3	4	5	2	4	2

Maximum velocities (exceeding 20 miles)

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

	Maximum.	Minimum.	Mean.	Normal.
	81	52	72	—

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear (1). Moon phase,

Actual sunshine, hours, 13.7

Possible sunshine, hours, 13.7

Percentage of possible sunshine, 100

Prevailing direction, Northwest

Total movement, 134

Average hourly velocity, 5.6

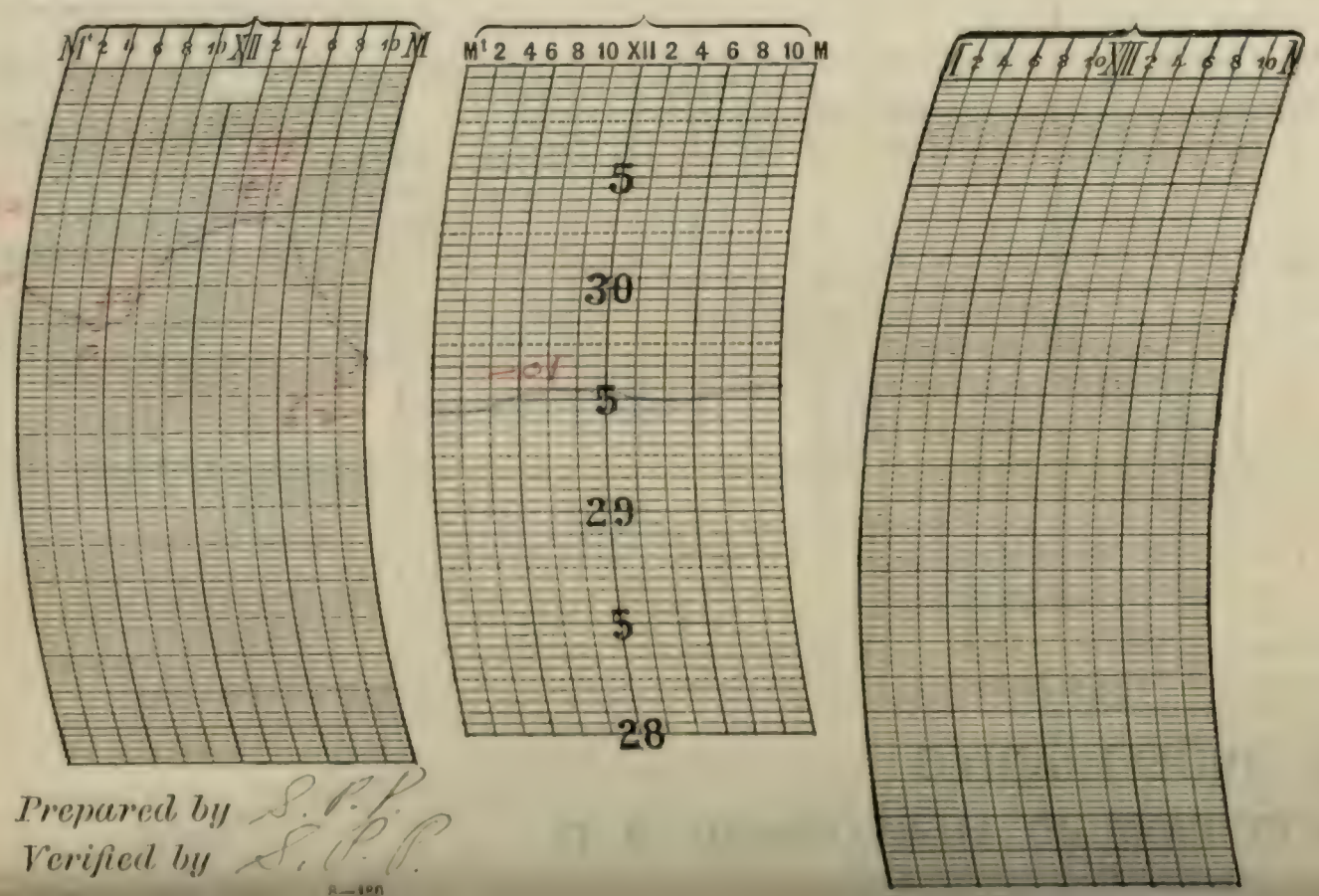
Maximum velocity.	Direction.	Time
11	NW	2:25 p.m.

Relative humidity, 80 a. m. p. m.

Reduced barometer, 30.09 a. m. p. m.

River gage, 13.1 Stationary

NOTES.



Prepared by S. P. P.

Verified by S. P. P.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE ILL., (Day of week) Saturday, (Date) AUG 19 1911, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	61	60	59	57	57	57	59	66	71	73	75	76
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation	Upon visible											
Cloudiness and other conditions						Clear			× P.C.		× Cloudy	
Sunrise: Time, Character,	5:10 Clear											
Sunshine (in tenths of hours)						0	0.2	1.0	1.0	1.0	0.9	
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	SE	SE	SE	SE
Wind movement	4	2	1	1	2	2	3	6	4	6	5	4

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	76	76	77	76	76	75	72	69	67	63	62	
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions			× Pt Cldy			× Clear						
Sunset: Time, Character,									6:49 Clear			
Sunshine (in tenths of hours)	0.7	0.6	1.0	0.6	× 0.5	× 0.7	0.2					
Wind direction	SE	SE	SE	SE	SE	SE	E	E	E	E	E	E
Wind movement	5	4	4	4	3	3	6	6	7	5	3	2

Maximum velocities (exceeding 25 miles)

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
77	56		

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Partly Cloudy, Moon phase,

Actual sunshine, hours, 11.2

Possible sunshine, hours, 13.6

Percentage of possible sunshine, 82

Prevailing direction, Southeast

Total movement, 92

Average hourly velocity, 3.8

Maximum velocity,	Direction,	Time.
9	E	7:55 p.m.

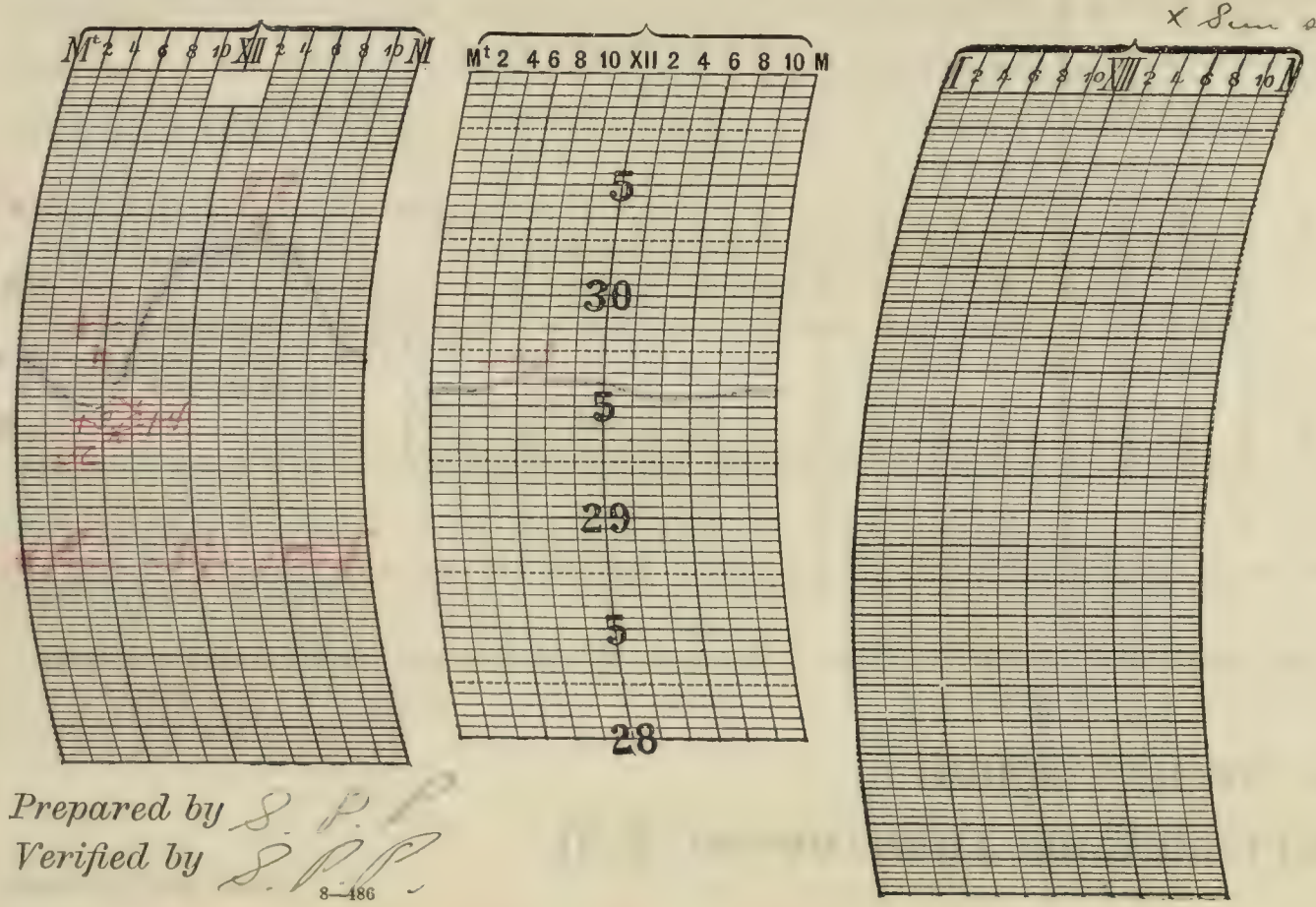
Relative humidity, 91 a. m. ____ p. m.

Reduced barometer, 30.16 a. m. ____ p. m.

River gage, 12.9 Falling

× Sun shining through clouds

NOTES.



Prepared by S. P.

Verified by S. P. P.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Sunday, (Date) AUG 20 1911, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	59	57	56	55	55	55	58	64	67	70	74	75	78	78	78	79	78	75	74	70	69	66	64	63
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions	Moon visible										Clear													
Sunrise: Time, Character	5:11 Clear																				Sunset: Time, Character	6:48 Clear		
Sunshine (in tenths of hours)						.82 0	1.0 0	0.1 0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5 0.4	.80 0					
Wind direction	E	E	E	E	0	E	E	E	SE	SE	SE	SE	SE	E	NE	E	SE	SE	SE	SE	SE	E	E	E
Wind movement	2	1	1	1	0	2	1	2	3	4	5	5	5	6	5	5	5	4	2	3	4	7	6	2
Maximum velocities (exceeding 20 miles)																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum.	Minimum.	Mean.	Normal.
79	55	67	71

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day Clear (1) Moon phase,

Actual sunshine, hours, 13.5

Possible sunshine, hours, 13.6

Percentage of possible sunshine, 99

Prevailing direction East

Total movement, 81

Average hourly velocity, 3.4

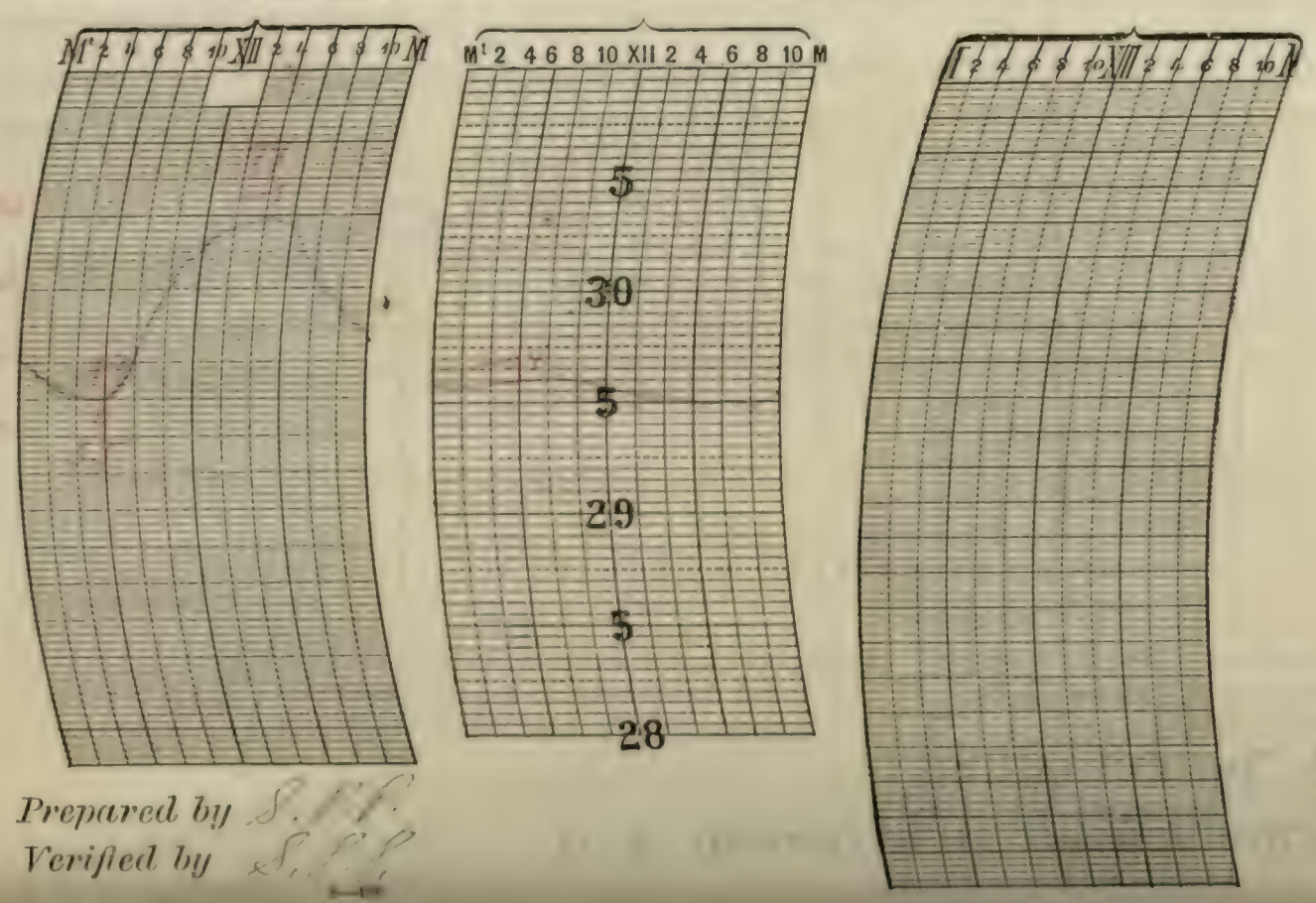
Maximum velocity.	Direction.	Time.
8	E	10:00 pm

Relative humidity, 89 a. m. p. m.

Reduced barometer, 30.13 a. m. p. m.

River gage, 12.8 Falling

NOTES.



Prepared by S. H. F.

Verified by S. H. F.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE ILL, (Day of week) Monday, (Date) AUG 21 1911, 191

Time (local standard), 90 mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	62	62	61	60	59	59	59	61	68	74	77	79	82	83	82	82	82	82	79	76	74	72	71	71
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						Cloudy				Pt Cloudy								Clear						
Sunrise: Time, 5:12 Character, Cloudy																					Sunset: Time, 6:46 Character, Clear			
Sunshine (in tenths of hours)						0	0	0	0.7	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.7	0.4	0					
Wind direction	SE	E	E	SE	E	S	SE	S	S	S	S	S	S	SW	SW	S	S	S	S	SW	SW	SW	SW	SW
Wind movement	4	4	6	2	1	2	2	4	6	11	13	14	15	17	15	13	8	8	6	9	4	5	5	9
Maximum velocities (exceeding 20 miles)																								

Excessive precipitation, accumulated amounts

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
83	59	71	71

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, – inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day Pt Cloudy Moon phase,

Actual sunshine, hours, 10.0

Possible sunshine, hours, 13.6

Percentage of possible sunshine, 74

Prevailing direction South

Total movement, 183

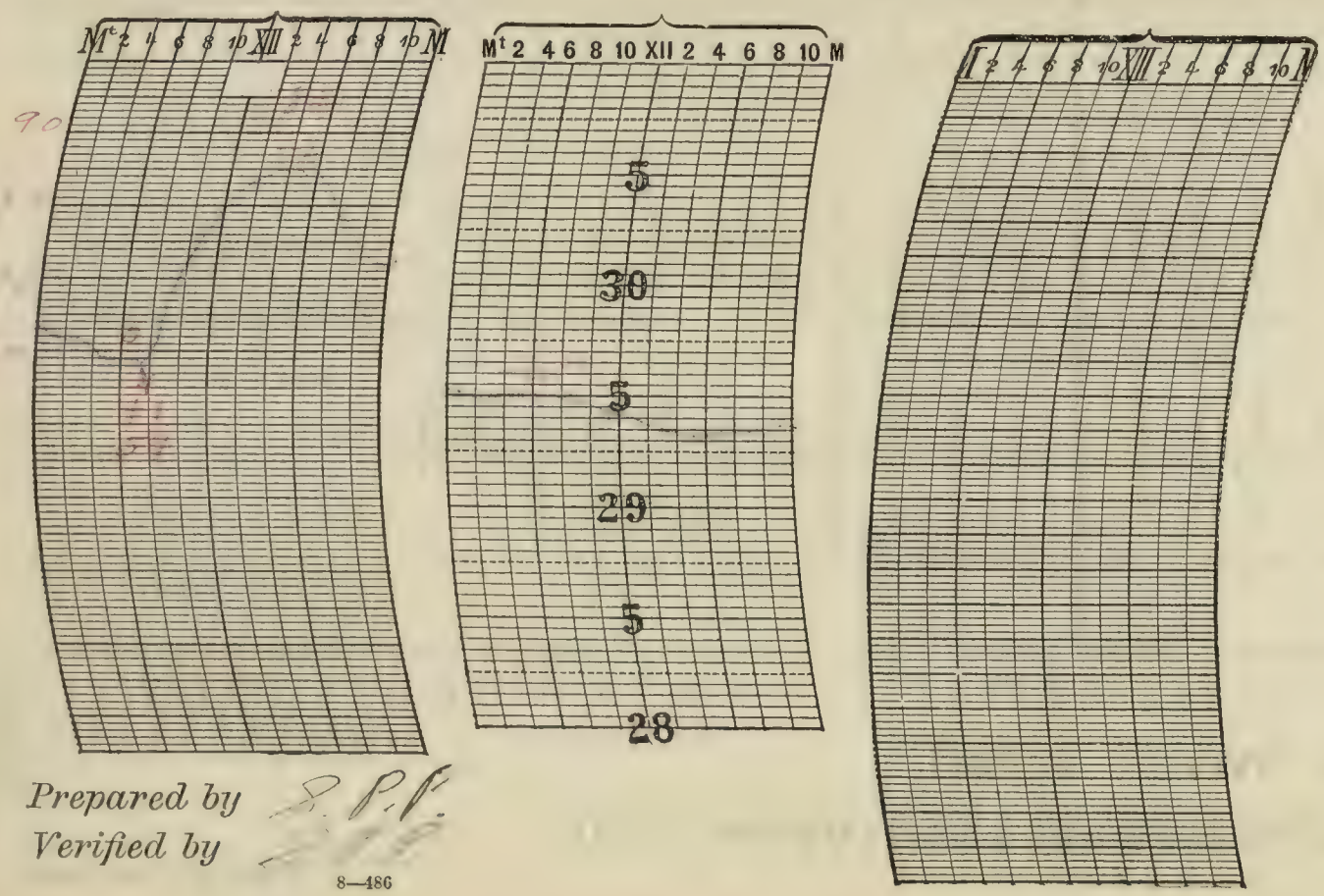
Average hourly velocity, 7.6

Maximum velocity,	Direction,	Time.
21	SW	1:25 pm

Relative humidity, 78 a. m. p. m.

Reduced barometer, 3 a. m. p. m.

River gage, 12.7 Falls



NOTES.

Prepared by S. P. F.

Verified by

8—186

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Tuesday, (Date) ....., 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	71	71	69	67	67	67	68	69	70	72	73	75	76	76	74	74	72	71	69	68	67	65	63	62
State of weather: Nature of precipitation and time of beginning and ending	RD		RDRa																					
		RD	Ra																					
Amount of precipitation			.09	.01	.01																			
Cloudiness and other conditions						Cloudy					×	Cloudy												
Sunrise: Time, Character, 5:13 Cloudy																					Sunset: Time, Character, 6:45 Cloudy			
Sunshine (in tenths of hours)						0	0	0	0	0	0.5	0.8	0.9	0.7	0.9	0.7	0.2	0	0					
Wind direction	SW	SW	SW	SW	SW	SW	W	*W	W	NW	NW	N	N	N	N	N	N	N	N	N	N	NE	NE	NE
Wind movement	7	5	5	4	7	7	7	5	5	5	2	2	9	11	12	11	11	9	7	5	5	8	7	8
Maximum velocities (exceeding 25 miles)																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts .....

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
77	62		

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .11 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, .11 inches.

Character of day Cldy (C) Moon phase, ...

Actual sunshine, hours, 4.7

Possible sunshine, hours, 13

Percentage of possible sunshine, 35

Prevailing direction, Variable

Total movement, 176

Average hourly velocity, 7.3

Maximum velocity,	Direction,	Time
15	NE	1:53 pm

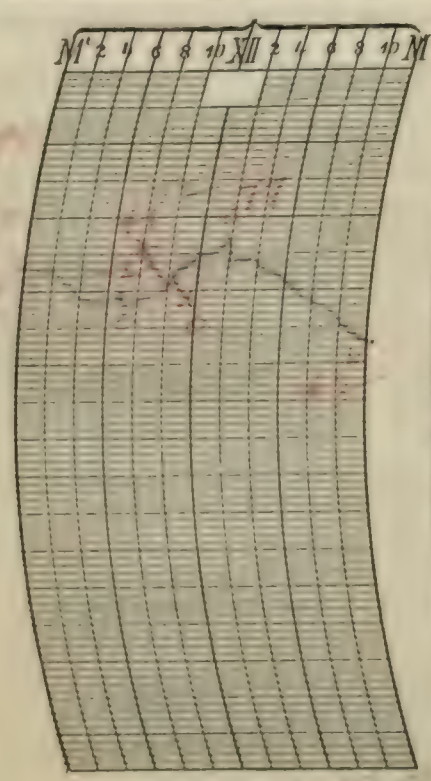
Relative humidity, 93 a. m. ..... p. m.

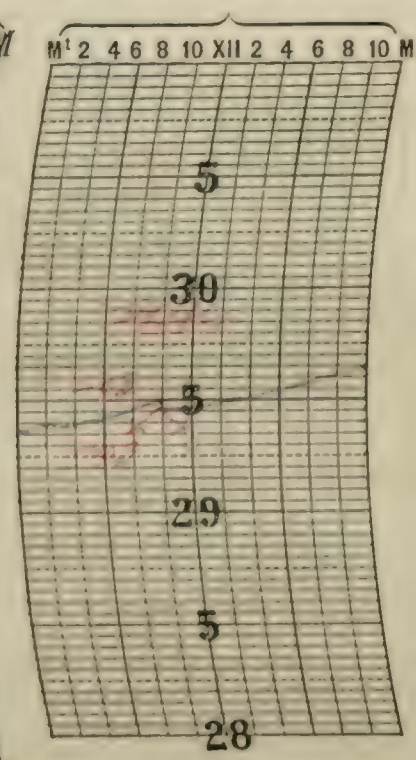
Reduced barometer, 29.97 a. m. ..... p. m.

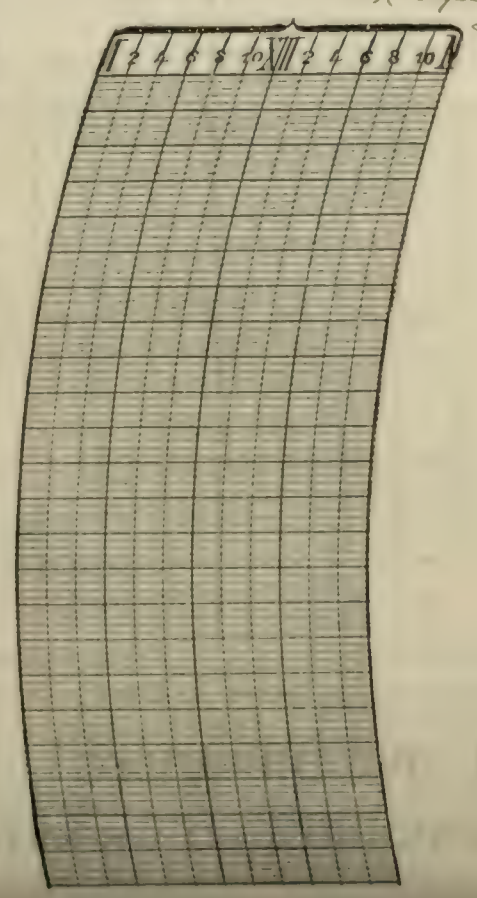
River gage, 12.7 Stationary

NOTES.

* Eye observation. Poor connections in clock cans & [illegible]







Prepared by [illegible]

Verified by [illegible]

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U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Wednesday, (Date) AUG 8 1911, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	60	58	57	56	55	55	57	58	62	64	66	69
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions											Cloudy	
Sunrise: Time, 5:14 Character, Cloudy												
Sunshine (in tenths of hours)						0	0	0	0.3	0	0	0.4
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE
Wind movement	4	5	5	5	5	4	7	9	12	11	11	8

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	69	70	70	70	69	67	66	65	63	61	55	52
State of weather: Nature of precipitation and time of beginning and ending									R 15 8:05			
Amounts of precipitation									.01	.04	.05	.06
Cloudiness and other conditions												
Sunset: Time, 6:43 Character, Cloudy												
Sunshine (in tenths of hours)	0	0.2	0.6	0	0	0	0					
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE
Wind movement	11	10	10	9	9	7	6	5	4	5	3	4

Maximum velocities (exceeding 25 miles)

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation; accumulated amounts																			

Maximum.	Minimum.	Mean.	Normal.
70	55	6[illegible]	7[illegible]

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, .16 inches.

Character of day, Cloudy Moon phase, [illegible]

Actual sunshine, hours, 1.5

Possible sunshine, hours, 13.5

Percentage of possible sunshine, 11

Prevailing direction Northeast

Total movement, 169

Average hourly velocity, 7

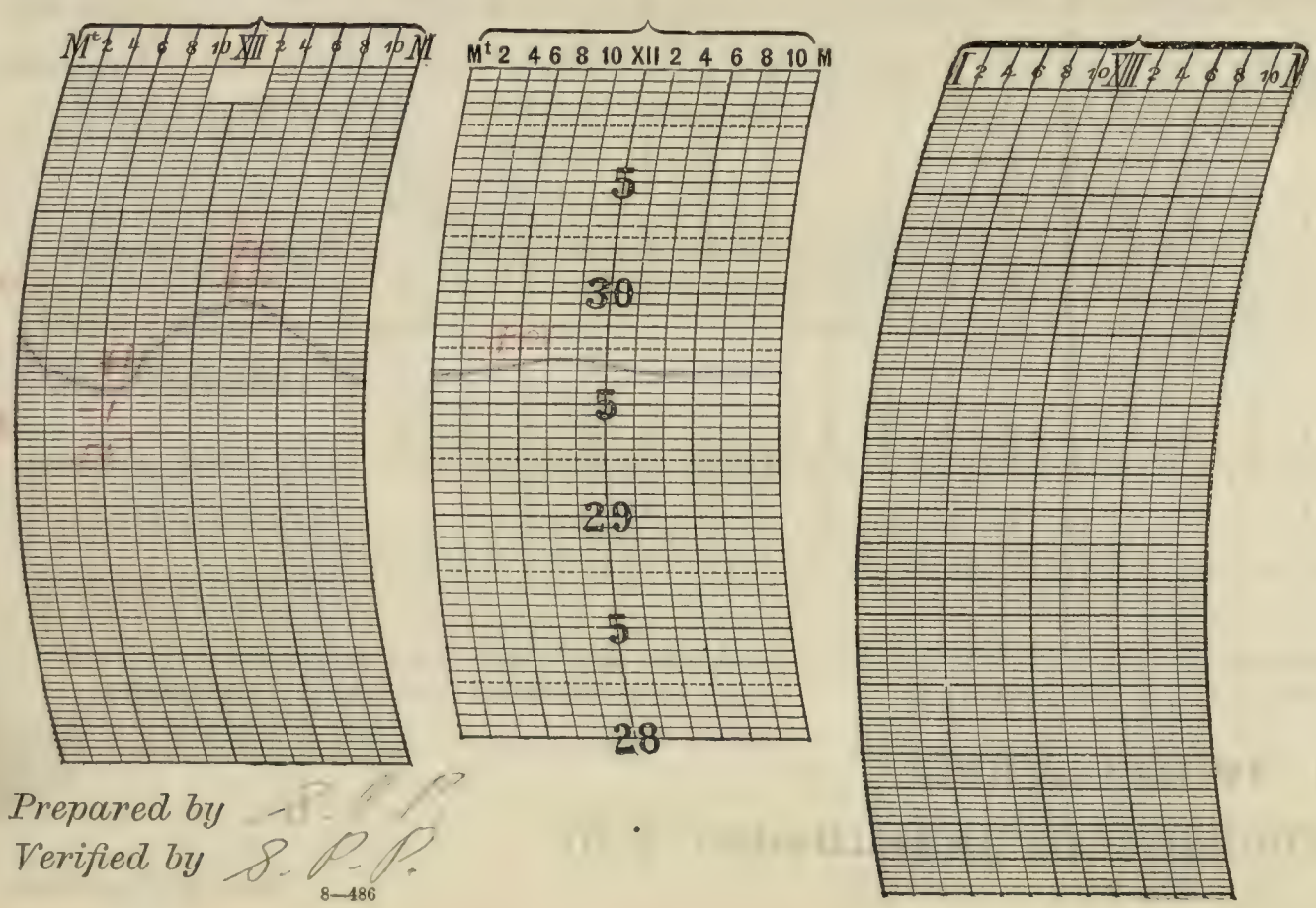
Maximum velocity,	Direction,	Time.
14	NE	2:28 p.m.

Relative humidity, 85 a. m. ____ p. m.

Reduced barometer, 30.27 a. m. ____ p. m.

River gage, 12.4 Falling

NOTES.



Prepared by [illegible]

Verified by [illegible]

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL. (Day of week) Thursday, (Date) AUG 3 1911 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	58	58	58	58	58	58	58	60	63	65	65	66
Nature of precipitation and time of beginning and ending		RE	RE	Ra								
Amounts of precipitation	.05	.03	.02	.01								
Cloudiness and other conditions				Cloudy				PC	Clear	PC	Cloudy	
Sunrise: Time, 5:15 Character, Cloudy												
Sunshine (in tenths of hours)						0	0	0.2	1.0	1.0	0.4	0.1
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	NE	E	E	E
Wind movement	3	5	6	6	5	6	5	8	10			
Maximum velocities (exceeding 30 miles)												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	66	66	67	68	68	68	67	65	64	62		
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions												
Sunset: Time, 6:42 Character, Cloudy												
Sunshine (in tenths of hours)	0	0	0	0	0	0	0					
Wind direction	E	E	NE	NE	NE	NE	NE	NE	E	E	NE	NE
Wind movement	7	4	4	5	5	5	6	4	3	3	3	1
Maximum velocities (exceeding 30 miles)												

State of weather.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive rate began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
68	58		

Total depth of snow for 24 hours ending 7 p. m., inches.

Snow on ground 7 p. m., inches.

Total snowfall, midnight to midnight, inches.

Precipitation to 7 a. m., .27 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, .11 inches.

Character of day, Cloudy Moon phase,

Actual sunshine, hours, 2.7

Possible sunshine, hours, 13.4

Percentage of possible sunshine, 20

Prevailing direction, Northeast

Total movement, 133

Average hourly velocity, 5.5

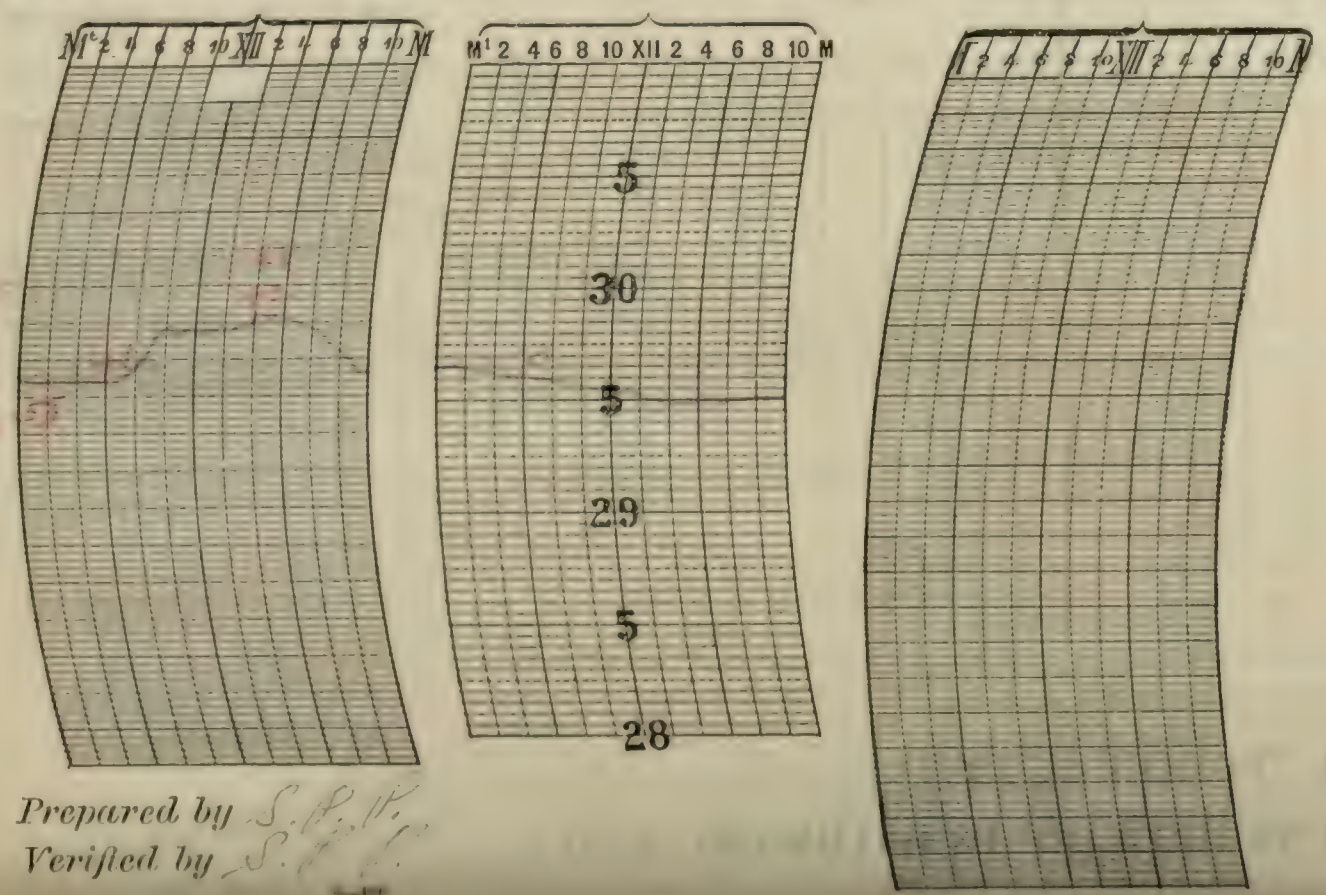
Maximum velocity,	Direction.	Time.
16	NE	9:00 am

Relative humidity, 94 a. m. p. m.

Reduced barometer, 30.16 a. m. p. m.

River gage, 12.5 Rising

NOTES.



Prepared by S. P. K.

Verified by S. P. K.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Friday, (Date) AUG 2 1911, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	58	56	55	53	53	53	54	55	57	64	67	70
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions			Lt fog							Pt cldy		
Sunrise: Time, Character,	5:15 Foggy											
Sunshine (in tenths of hours)						0	0	0	0	0.7	0.7	0.8
Wind direction	NE	NE	NE	0	0	0	NE	NE	E	SE	SE	SE
Wind movement	1	1	1	0	0	0	1	1	4	2	3	3

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	74	73	74	75	75	74	71	69	67	65	64	65
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions							Clear					
Sunset: Time, Character,									6:40 Clear			
Sunshine (in tenths of hours)	1.0	0.1	0.5	1.0	0.3	0.7 0	.67 0					
Wind direction	SE	S	S	S	SE	SE	SE	SE	SE	SE	SE	SE
Wind movement	4	2	3	3	4	3	2	3	2	2	2	2

Maximum velocities (exceeding ____ miles)

	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

Maximum.	Minimum.	Mean.	Normal.
75	53	64	70

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Pt Cldy (6) Moon phase, ____

Actual sunshine, hours, 6.7

Possible sunshine, hours, 13.4

Percentage of possible sunshine, 50

Prevailing direction Southeast

Total movement, 49

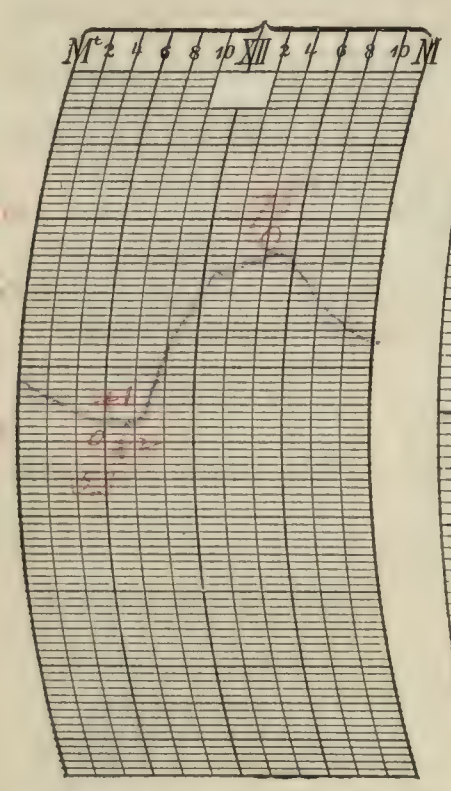
Average hourly velocity, 2.0

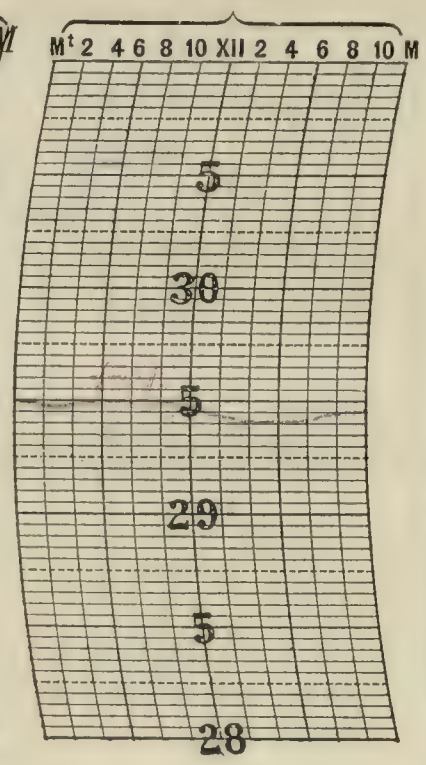
Maximum velocity,	Direction,	Time.
6	E	8:52 am

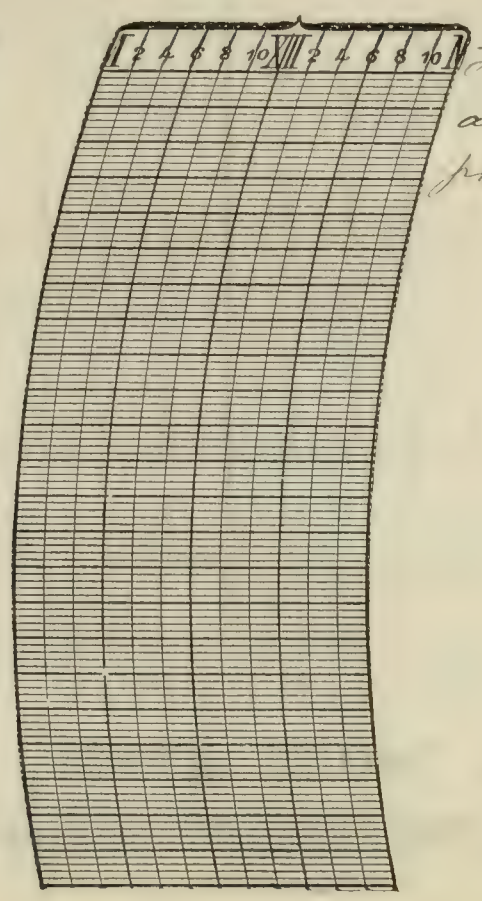
Relative humidity, 100 a. m. ____ p. m.

Reduced barometer, 30.02 a. m. ____ p. m.

River gage, 12.5 Stationary







NOTES.

Lt. fog began 2 Ma; became dense 6:30 am and continued so until 7:15 am; lt. fog prevailed from 7:15 am to [illegible]

Prepared by S. P. S.

Verified by S. P. S.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Saturday, (Date) AUG 26 1911, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	64	62	61	58	57	56	58	62	71	75	77	77	78	80	80	80	80	77	75	72	71	70	69	68
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions				Fog				→	Clear															
Sunrise: Time, 5:17 Character, Foggy																					Sunset: Time, 6:39 Character, Clear			
Sunshine (in tenths of hours)						6	0.8 6	0.1 0.9	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.9	0.6	0.4 0.1	0.5 0					
Wind direction	SE	SE	SE	0	SE	SE	SE	SE	SE	S	S	S	SE	SE	SE	SE	SE	S	S	S	0	SE	SW	SW
Wind movement	1	1	2	0	2	3	2	2	3	5	[illegible]	[illegible]	6	6	6	6	4	4	2	2	0	3	2	2
Maximum velocities (exceeding 25 miles)																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Maximum.	Minimum.	Mean.	Normal.
80	58		

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear. Moon phase, ---

Actual sunshine, hours, 11.8

Possible sunshine, hours, 13.1

Percentage of possible sunshine, 90

Prevailing direction, Southeast

Total movement, 77

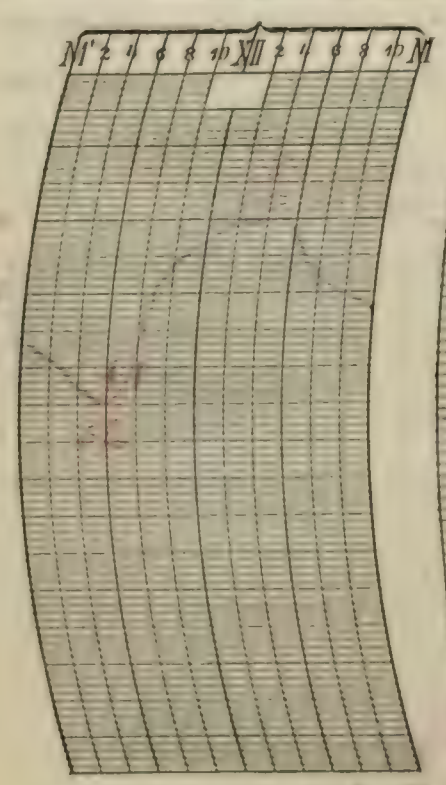
Average hourly velocity, 3.2

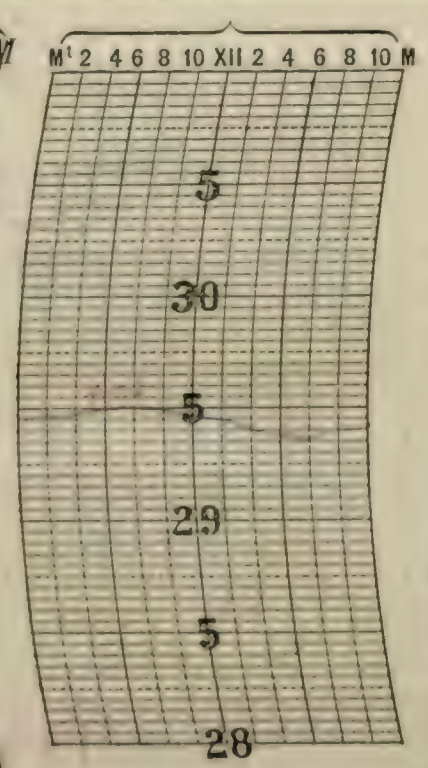
Maximum velocity, 8 Direction, SE Time, 2:30 p.

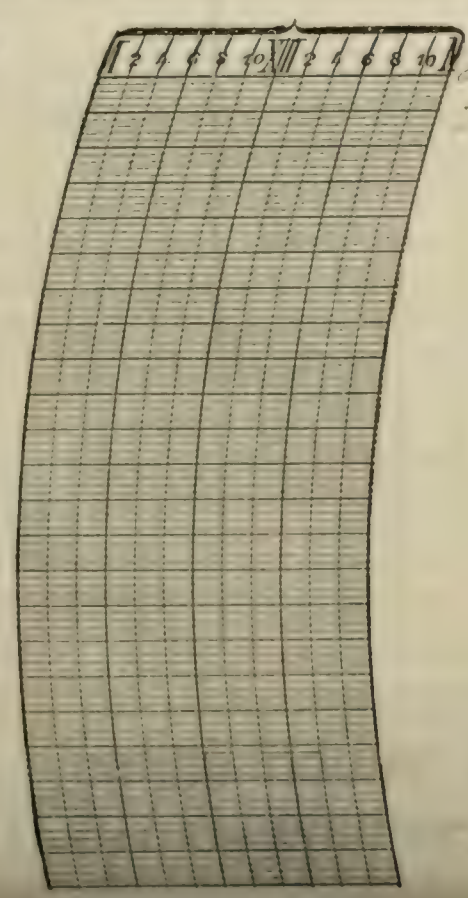
Relative humidity, 89 a. m. ---- p. m.

Reduced barometer, 30.08 a. m. ---- p. m.

River stage, 12.6 Rising







NOTES.

Light fog formed 2 a.m. and continued to 8 a.m.

Prepared by S. F. P.

Verified by S.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Sunday, (Date) AUG 27 1911, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	66	65	64	62	62	62	63	66	72	75	79	79
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions							Pt Cldy					×
Sunrise: Time, 5:18 Character, Clear												
Sunshine (in tenths of hours)						.70 0	1.0 0	0.1 0.9	1.0	1.0	1.0	1.0
Wind direction	SW	SW	SW	SW	SW	SW	S	S	SW	SW	SW	SW
Wind movement	3	2	2	2	2	2	4	3	8	9	10	8
Maximum velocities (exceeding 20 miles)												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	82	83	85	86	86	85	81	80	78	77	77	74
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	×	Clear		×	Pt Cldy	×	Cldy	×	Pt Cldy			
Sunset: Time, 6:37 Character, Cloudy												
Sunshine (in tenths of hours)	0.9	1.0	1.0	0.9	0.7	0.2	0					
Wind direction	SW	SW	SW	SW	S	S	S	S	S	SW	W	NW
Wind movement	6	7	6	5	3	2	2	2	4	6	5	8
Maximum velocities (exceeding 20 miles)												

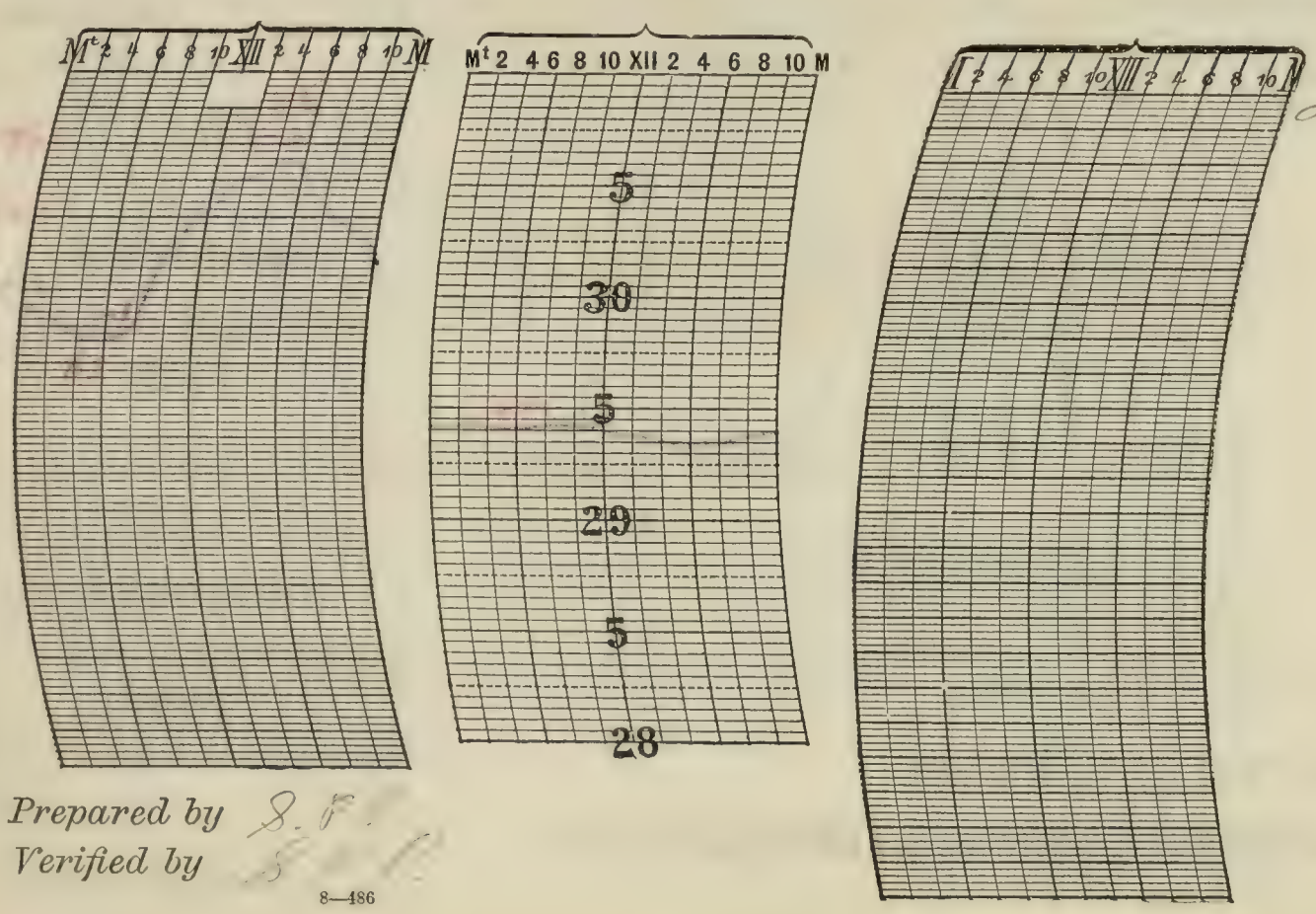
Maximum.	Minimum.	Mean.	Normal.
86	62	74	70

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day Pt Cldy (4) Moon phase,
Actual sunshine, hours, 11.4
Possible sunshine, hours, 13.3
Percentage of possible sunshine, 86
Prevailing direction Southwest
Total movement, 111
Average hourly velocity, 4.6

Maximum velocity,	Direction,	Time.
12	SW	10:25 am

Relative humidity, 92 a. m. ____ p. m.
Reduced barometer, 29.99 a. m. ____ p. m.
River gage, 12.5 Falling

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.



NOTES.

Lightning observed in north from 9 to 9:30 p.

Prepared by S. F.
Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Monday, (Date) Aug 28 1911, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	70	66	65	65	63	62	60	60	62	64	66	69	71	72	72	73	73	71	67	63	60	58	56	55
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions			Cloudy						Clear															
Sunshine (in tenths of hours)						0	0	0	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	0					
Wind direction	NW	NW	NW	NW	N	N	N	N	N	N	N	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	N	N
Wind movement	8	9	9	8	6	5	6	8	10	11	10	10	9	11	10	11	9	9	6	5	3	5	6	7
Maximum velocities (exceeding 25 miles)																								

Sunrise: Time, 5:19 Character, Cloudy

Sunset: Time, 6:36 Character, Clear

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
73	55		

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Cloudy Moon phase,

Actual sunshine, hours, 10.1

Possible sunshine, hours, 13.3

Percentage of possible sunshine, 76

Prevailing direction, Northeast

Total movement, 191

Average hourly velocity, 8.0

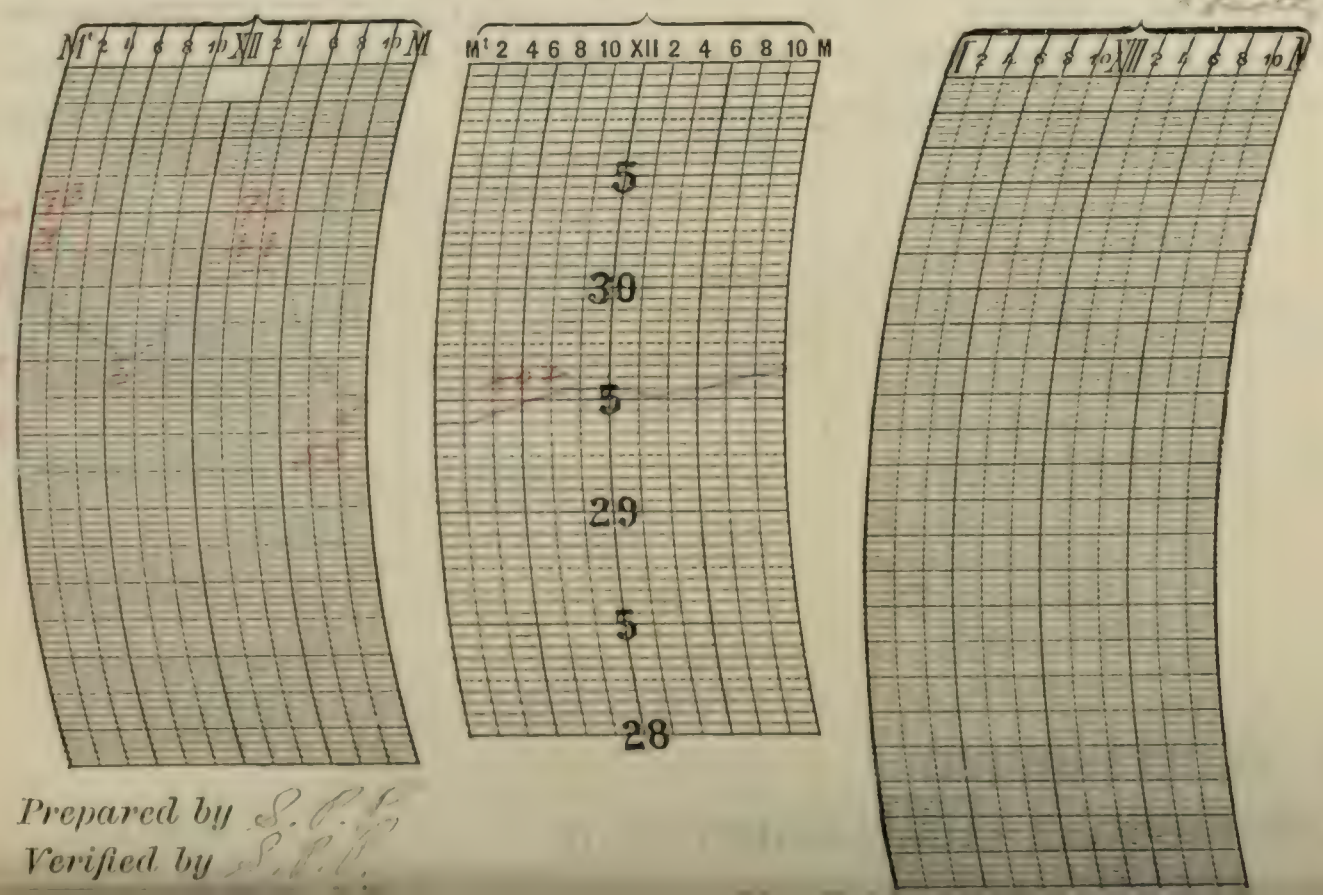
Maximum velocity,	Direction,	Time
14	NW	2:15 am

Relative humidity, 81 a. m. p. m.

Reduced barometer, 30.11 a. m. p. m.

River gage, 12 ft. 3 in.

NOTES.



Prepared by S. C. G.

Verified by S. C. G.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Tuesday, (Date) AUG 29 1911, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	55	54	52	50	49	50	53	60	63	65	66	66
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions									Clear			
Sunshine (in tenths of hours)						0 (.6)	0.7 (0.3)	1.0	1.0	1.0	1.0	1.0
Wind direction	N	NE	NE	N	N	N	NE	NE	NE	NE	NE	NE
Wind movement	8	8	5	5	7	6	6	8	11	10	10	9

Sunrise: Time, 5:17 Character, Clear

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	68	69	70	70	69	67	62	60	56	53	52	5
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions									Moon visible			
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	X 0.7	0.7 0.1	.5 0					
Wind direction	NE	NE	NE	NE	NE	E	NE	NE	E	NE	NE	E
Wind movement	10	10	9	11	8	10	8	7	7	6	5	4

Sunset: Time, 6:33 Character, Clear

Maximum velocities (exceeding 20 miles)

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
70	49	60	69

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear (2) Moon phase,

Actual sunshine, hours, 11.8

Possible sunshine, hours, 13.2

Percentage of possible sunshine, 97

Prevailing direction, Northeast

Total movement, 188

Average hourly velocity, 7.8

Maximum velocity,	Direction,	Time.
15	NE	8:41 p

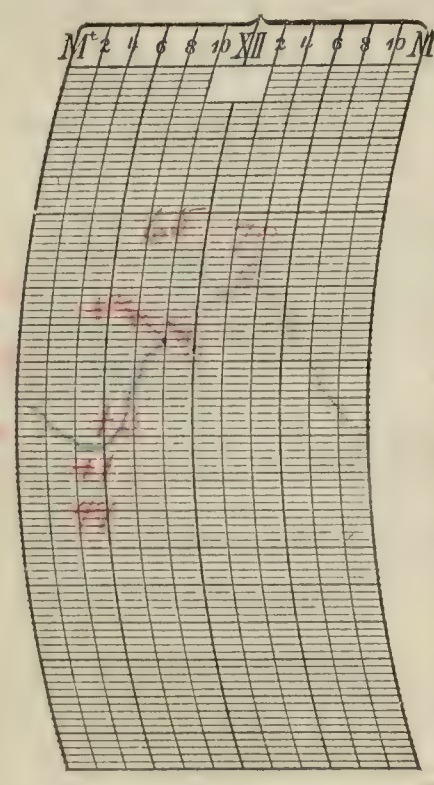
Relative humidity, 73 a. m. p. m.

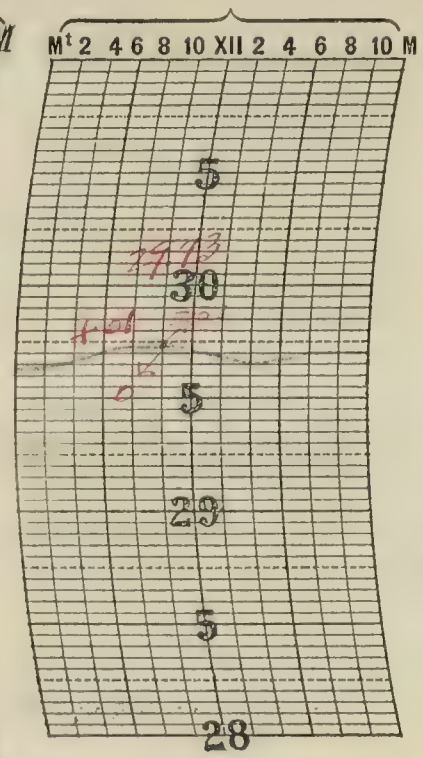
Reduced barometer, 30.30 a. m. p. m.

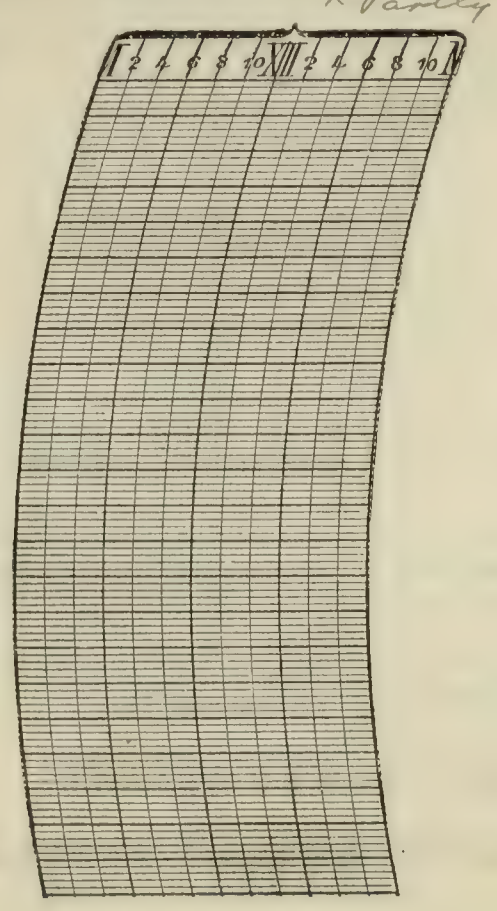
River gage, 12.5 Rise

X Partly eye observation

NOTES.







Prepared by S. P. F.

Verified by S. [illegible]

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Wednesday, (Date) AUG 30 1911, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	50	50	49	49	47	49	52	58	62	65	66	69
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions						Clear						
Sunrise: Time, Character,	5:20 Clear											
Sunshine (in tenths of hours)						0	0.2	1.0	1.0	1.0	1.0	1.0
Wind direction	E	NE	NE	NE	NE	NE	E	E	E	E	E	E
Wind movement	5	3	2	3	6	5	6	6	7	8	9	8

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	70	72	73	73	73	71	67	66	65	64	63	60
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					Pt Cldy				Cldy			
Sunset: Time, Character,									6:32 Clear			
Sunshine (in tenths of hours)	1.0	1.0	1.0	0.7	0.7	0	0					
Wind direction	E	E	E	E	NE	NE	NE	E	E	E	NE	E
Wind movement	8	7	7	5	5	4	6	6	5	5	4	4

	Maximum.	Minimum.	Mean.	Normal.
	74	47		

Total depth of snow for 24 hours ending 7 p. m., 0 inches

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins; to 7 p. m., 0 ins

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear (2) Moon phase.

Actual sunshine, hours, 12.0

Possible sunshine, hours, 13.2

Percentage of possible sunshine 91

Prevailing direction, East

Total movement, 134

Average hourly velocity, 5.6

Maximum velocity,	Direction,	Time.
12	E	10:10 a.m.

Relative humidity, 91 a. m. p. m.

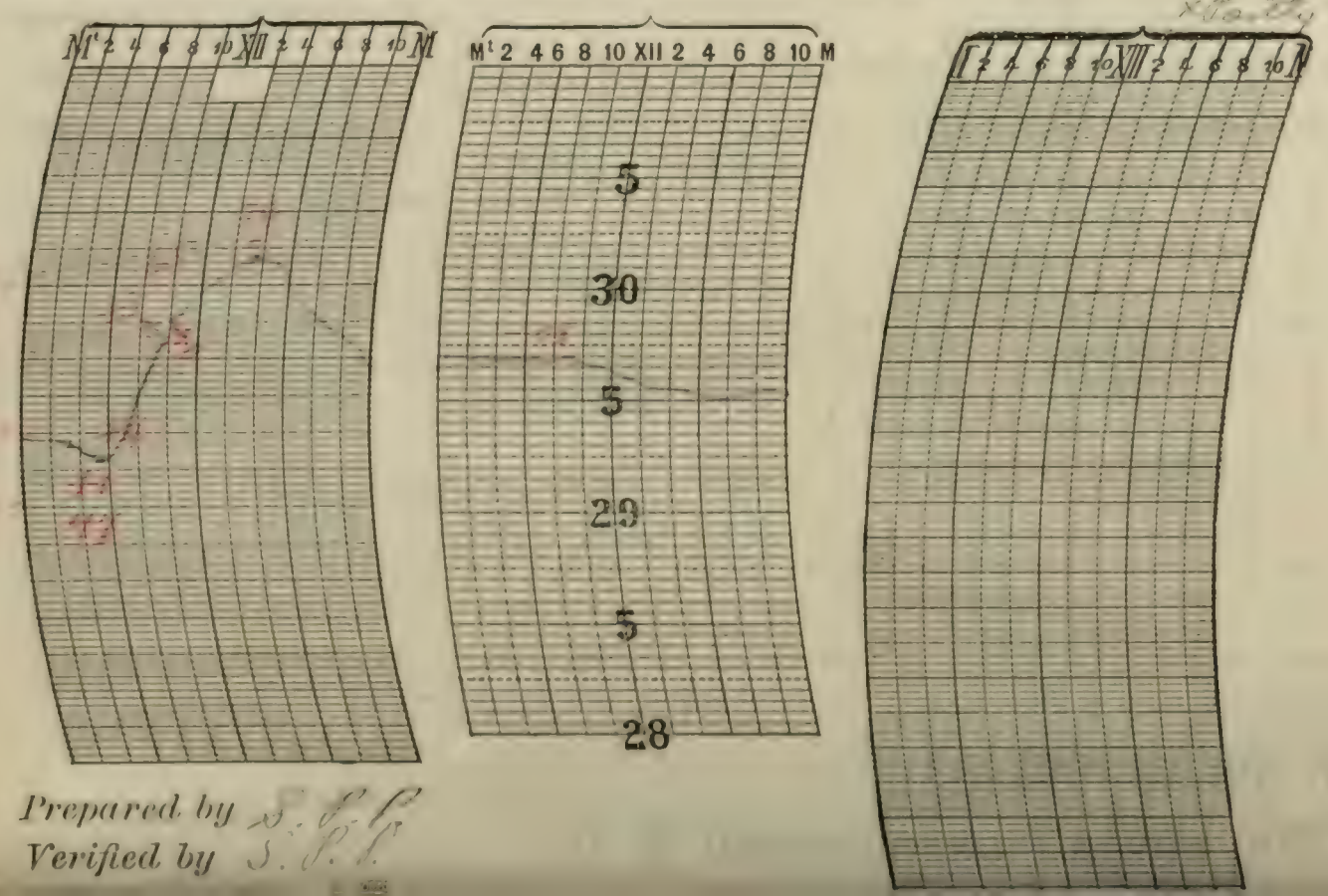
Reduced barometer, 30.203 a. m. p. m.

River gage, 12 ft. Falling

Excessive precipitation, accumulated amounts

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

NOTES.



Prepared by S. C. G.

Verified by S. P. L.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Thursday, (Date) AUG 3 1911, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	60	58	57	56	55	54	54	58	67	71	76	78
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions			Lt fog			Clear						
Sunrise: Time, Character,			5:22 Foggy									
Sunshine (in tenths of hours)						.33 0	1.0 0	1.0	1.0	1.0	1.0	1.0
Wind direction	E	NE	NE	NE	NE	0	NE	NE	E	SW	SW	SW
Wind movement	4	2	3	1	1	0	1	1	3	6	7	5

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	80	83	83	84	84	82	78	76	74	71	70	66
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions								Moon v. p.				
Sunset: Time, Character,									6:31 Clear			
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	× 1.0	0.5 0.5	.52 0					
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	W
Wind movement	7	9	10	9	7	5	3	3	3	5	4	3

Maximum velocities (exceeding 50 miles)

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
84	54	61	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear (0) Moon phase, ☽ 10:21 am

Actual sunshine, hours, 12.8

Possible sunshine, hours, 13.2

Percentage of possible sunshine, 97

Prevailing direction, Southwest

Total movement, 102

Average hourly velocity, 4.2

Maximum velocity,	Direction,	Time.
12	SW	2 27 p. m.

Relative humidity, 71 a. m. ____ p. m.

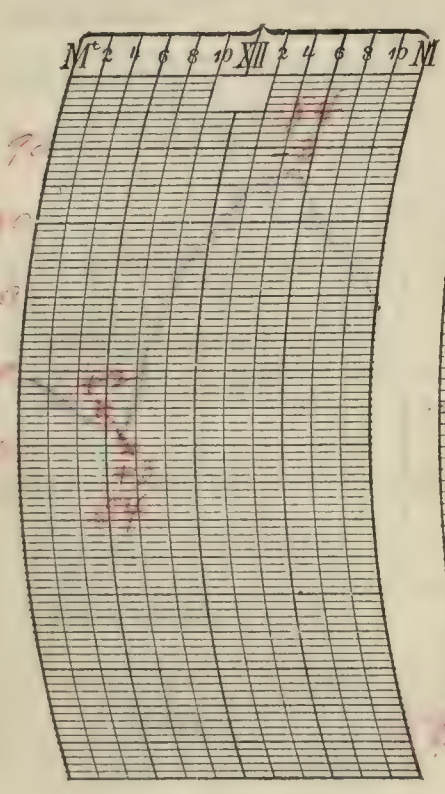
Reduced barometer, 29.07 a. m. ____ p. m.

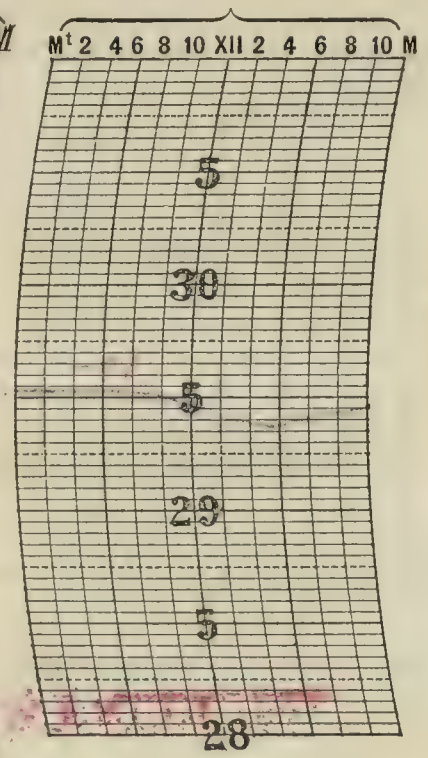
River gage, 12.4 Stationary

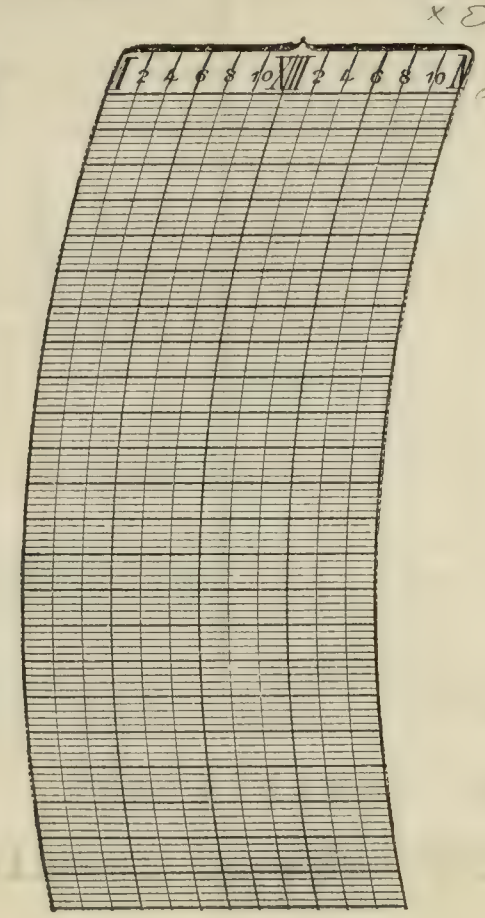
× Eye observation

NOTES.

Lt fog formed D. U. a. and ended at [illegible]







Prepared by [illegible]

Verified by [illegible]

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Friday, (Date) SEP 1 1911, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	67	65	64	61	61	60	60	66	76	81	83	86	89	91	91	91	91	87	83	52				
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions				lt fog				Clear												Moon visible				
Sunshine (in tenths of hours)						0	0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	0					
Wind direction	W	W	O	O	O	W	W	W	W	W	SE	SE	SE	SW	SW	SW	SW	S	SE	S	SW	SW	W	W
Wind movement	2	1	0	0	0	1	2	1	1	3	3	2	3	5	6	3	2	3	4	3	6	8	6	5
Maximum velocities (exceeding 25 miles)																								

Sunrise: Time, 5:23; Character, foggy

Sunset: Time, 6:29; Character, clear

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum.	Minimum.	Mean.	Normal.
92	60	76	68

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear (0) Moon phase,

Actual sunshine, hours, 12.8

Possible sunshine, hours, 13.1

Percentage of possible sunshine, 98

Prevailing direction, West

Total movement, 70

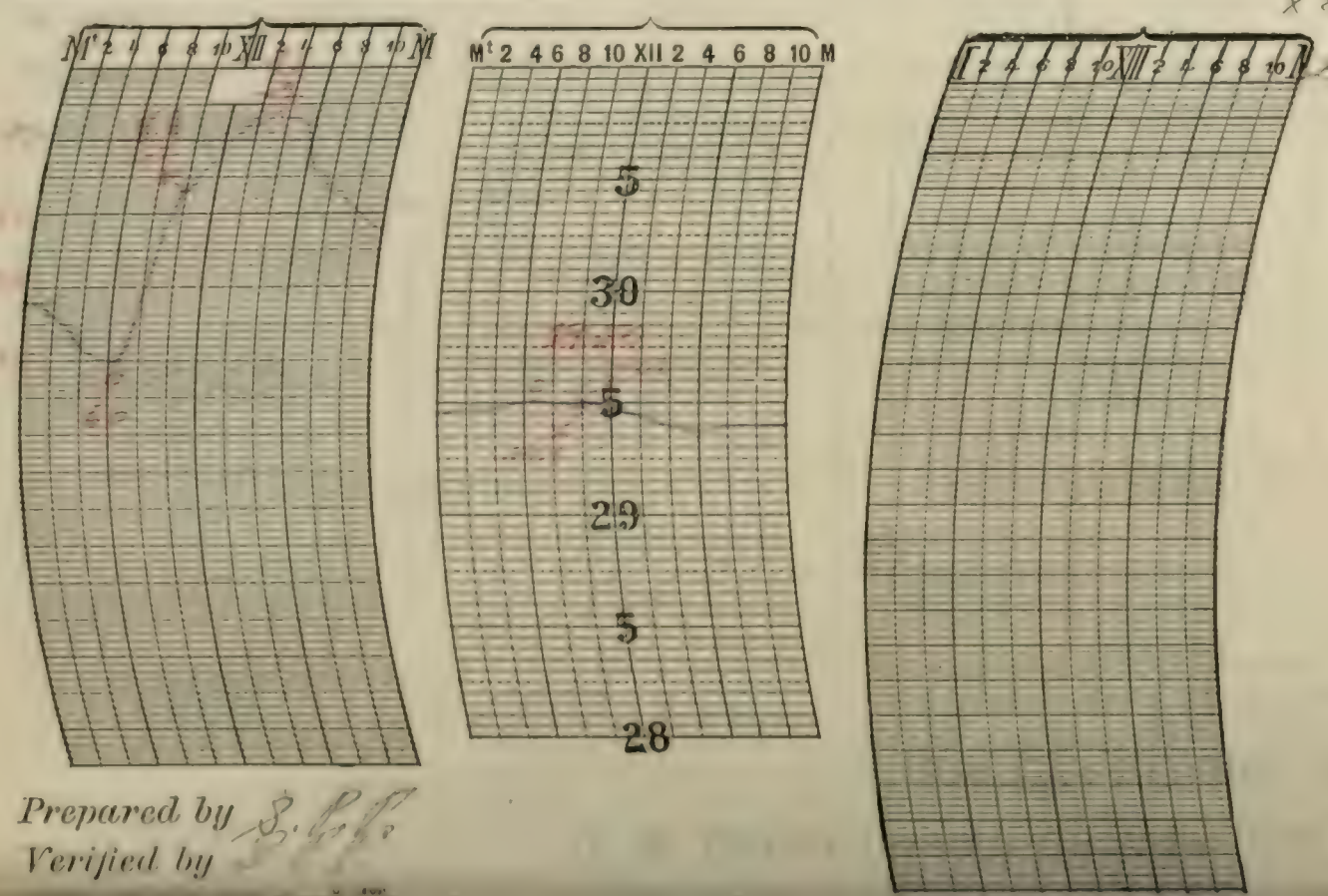
Average hourly velocity, 2.9

Maximum velocity,	Direction,	Time
10	SW	9:25 pm
Extreme 10	SW	

Relative humidity, 89 a. m. p. m.

Reduced barometer, 30.08 a. m. p. m.

River gage, 12.4 Stationary



NOTES.

x Exp. observation

lt fog formed DMa and ended at 8:00 am

Prepared by S. Bell

Verified by

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Saturday, (Date) SEP 2 1911, 191

Time (local standard), 90 mer.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	75	74	73	73	72	72	72	73	77	81	84	87	89	91	91	90	86	84	78	75	71	69	66	64
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions							Clear										x Pt Cldy			Moon visible at intervals				
Sunrise: Time, Character,	5:24 Clear																				Sunset: Time, Character, 6:27 Cloudy			
Sunshine (in tenths of hours)						.60 0	0.9 0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	x 0.4	0	0					
Wind direction	W	W	SW	SW	SW	SW	SW	SW	SW	W	SW	W	W	W	W	W	W	W	W	V	VE	VE	VE	VE
Wind movement	5	6	9	6	4	6	7	10	11	10	7	6	8	8	10	10	9	10	6	7	7	7	5	6
Maximum velocities (exceeding 25 miles)																								

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

x Eye observation

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
91	64	76	68

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear (1) Moon phase,

Actual sunshine, hours, 11.0

Possible sunshine, hours, 13.0

Percentage of possible sunshine, 85

Prevailing direction, Southwest

Total movement, 182

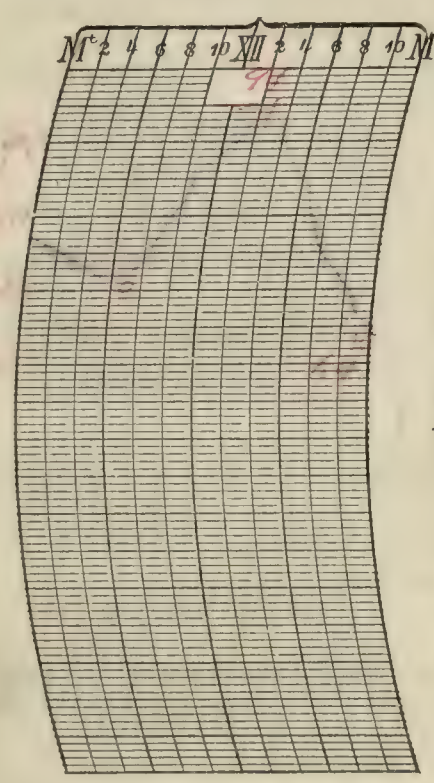
Average hourly velocity, 7.6

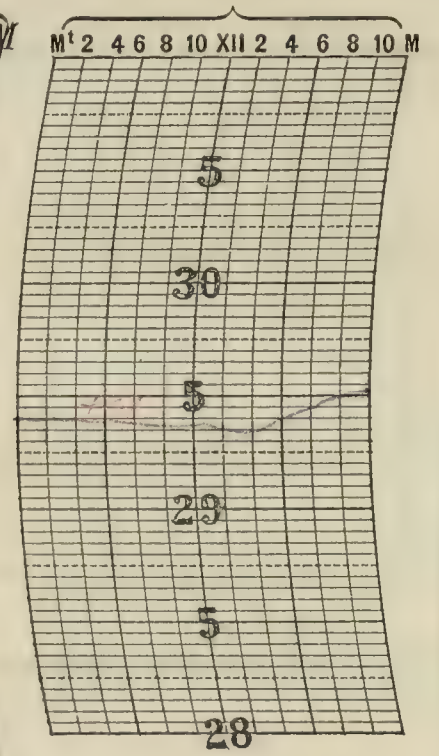
Maximum velocity,	Direction,	Time.
15	W	5:25 pm
Extreme velocity 15	W	5:25 pm

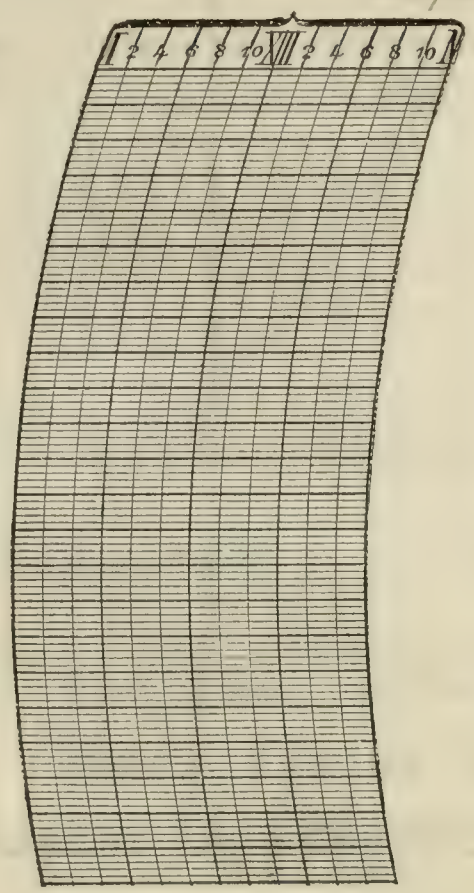
Relative humidity, 73 a. m. p. m.

Reduced barometer, 29.95 a. m. p. m.

River gage, 12.4 Stationary







NOTES.

Prepared by

Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) La Salle, Ill., (Day of week) Sunday, (Date) Sep 2 191, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	63	62	61	59	58	57	61	63	68	70	72	74	76	76	77	77	75	73	68	66	63			
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																				Showers with				
Cloudiness and other conditions					Clear	→	Pt Cldy	→	Cldy	→	Pt Cldy	→	Clear											
Sunshine (in tenths of hours)						0	0.4	1.0	1.0	1.0	0.8	0.7	1.0	0.4	0.3	0.5	0.5	0.2	0					
Wind direction	NE	NE	NE	E	NE	NE	NE	NE	E	E	E	E	E	E	E	E	NE	NE	NE	NE	NE	NE	NE	NE
Wind movement	7	4	3	5	7	5	5	8					10	9	6	8	11	12	8	8	7	6	5	6
Maximum velocities (exceeding 30 miles)																								

Sunrise: Time, 5:25 Character, Clear

Sunset: Time, 6:25 Character, Clear

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

	Maximum.	Minimum.	Mean.	Normal.
	77	57	67	68

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Pt Cldy

Moon phase,

Actual sunshine, hours, 10.3

Possible sunshine, hours, 13.0

Percentage of possible sunshine, 79

Prevailing direction, Northeast

Total movement, 173

Average hourly velocity, 7.2

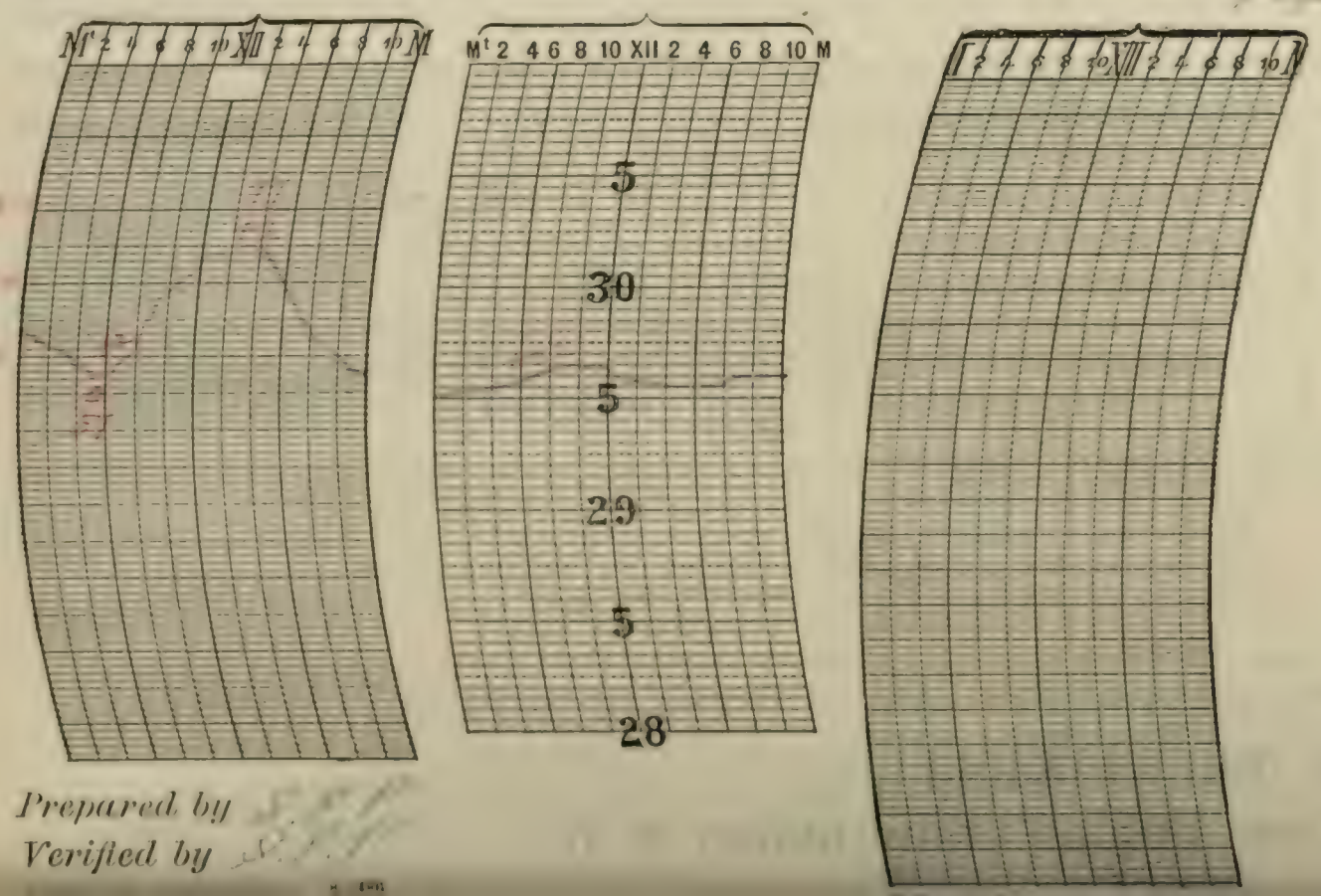
	Maximum velocity.	Direction.	Time
	17	NE	5:15 pm
Extreme velocity	17	NE	5:15 pm

Relative humidity, 89 a. m. p. m.

Reduced barometer, 30.36 a. m. p. m.

River gage, 12.3 Falling

NOTES.



Prepared by

Verified by

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Monday, (Date) SEP 4 1911, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	56	56	55	55	56	57	59	65	70	75	77	81	83	85	84	85	84	83	77	74	[illegible]			
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																						.02	.01	.01
Cloudiness and other conditions						Pt cldy		→	Clear	←		Pt cldy							←	Cldy				
Sunrise: Time, 5:26 Character, Clear																					Sunset: Time, 6:24 Character, Cloudy			
Sunshine (in tenths of hours)						.5	0.9 0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.4	0	0	0					
Wind direction	NE	NNE	NE	E	E	E	E	E	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	S	W	W	SW	NW	S
Wind movement	8	6	5	6	5	7	7	7	7	6	7	7	7	10	7	7	6	7	11	6	1	8	4	3
Maximum velocities (exceeding 20 miles)																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
85	57	[illegible]	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, .04 inches.

Character of day, Pt cldy (5) Moon phase,

Actual sunshine, hours, 9.7

Possible sunshine, hours, 13.0

Percentage of possible sunshine, 75

Prevailing direction, Southeast

Total movement, 155

Average hourly velocity, 6.5

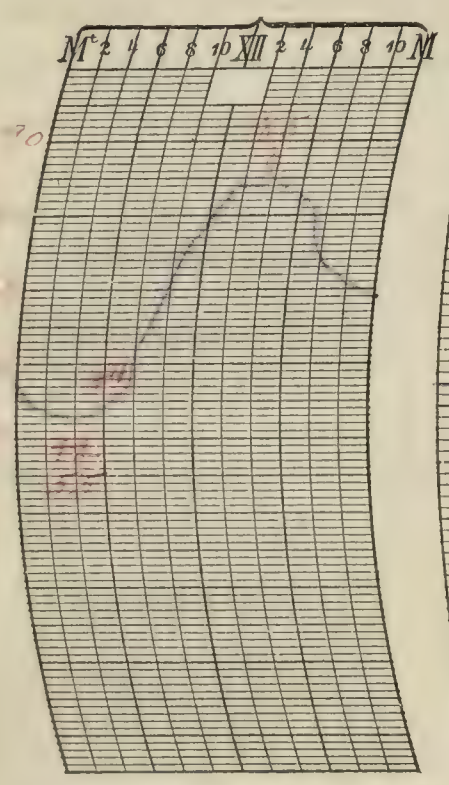
Maximum velocity,	Direction,	Time.
20	SW	6:30 pm
Extreme velocity 21	SW	6:28 pm

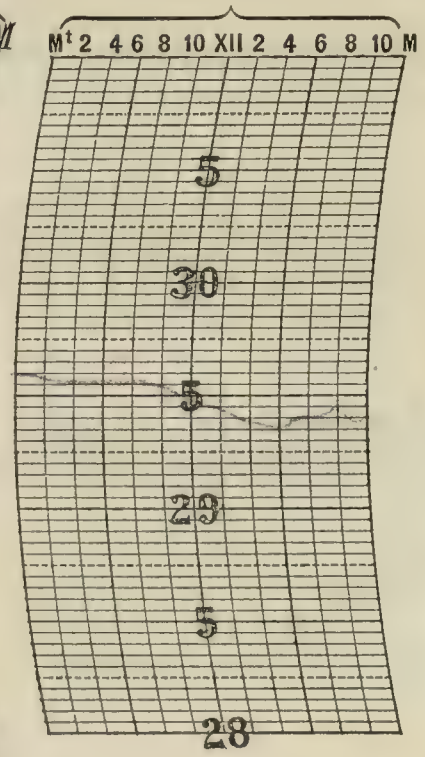
Relative humidity, 70 a. m. p. m.

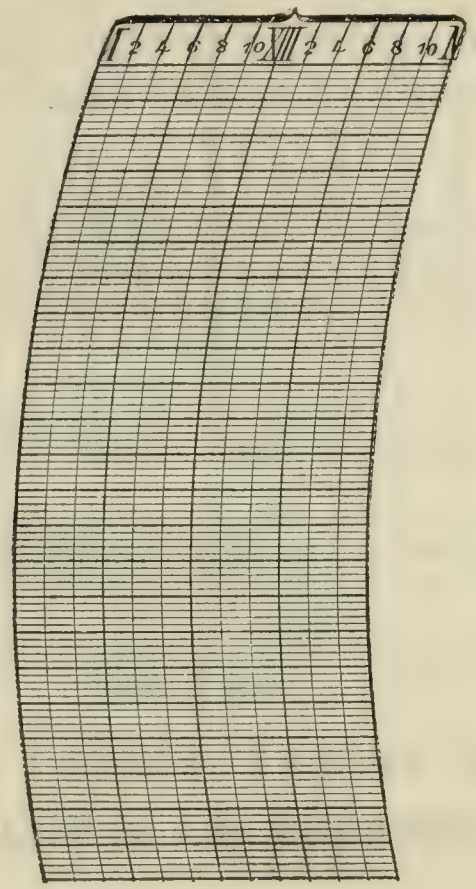
Reduced barometer, 30.14 a. m. p. m.

River gage, 12.3 Stationary

NOTES.







Prepared by [illegible]

Verified by [illegible]

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Tuesday, (Date) SEP 5 1911, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	68	67	67	67	67	67	67	66	66	70	74	77
	RE	D	Ua				RB 6:30 RE 6:35	RB 7:15	RE 8:45			
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation			.01				T	T				
Cloudiness and other conditions					Cloudy						Pt Cldy	

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	80	82	83	84	84	83	80	77	[illegible]	[illegible]	68	
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions			Clear				Pt Cldy					

Sunrise: Time, 5:26 Character, Cloudy

Sunset: Time, 6:23 Character, Cloudy

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)						0	0	0	0.1	1.0	1.0	1.0
Wind direction	SE	SE	SE	SE	SE	SW	SW	SW	SW	SE	S	SW
Wind movement	2	2	4	4	4	1	3	4	2	5	6	9
Maximum velocities (exceeding 25 miles)												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	0.8 ×	0	0					
Wind direction	SW	SW	SW	W	W	SW	W	W	W	W	W	W
Wind movement	9	12	13	14	12	9	7	7	9	8	6	3
Maximum velocities (exceeding 25 miles)												

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

1 hours slower than 75th meridian time.

	Maximum.	Minimum.	Mean.	Normal.
	87	64	75	

Total depth of snow for 24 hours ending 7 p. m., — inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, — inches.

Precipitation to 7 a. m., .05 ins.; to 7 p. m., .02 ins.

Total precipitation, midnight to midnight, — inches.

Character of day Pt Cldy (5) Moon phase, —

Actual sunshine, hours, 5.4

Possible sunshine, hours, 13.0

Percentage of possible sunshine, 42

Prevailing direction, Southwest

Total movement, 155

Average hourly velocity, 6.5

Maximum velocity,	Direction,	Time
18	SW	3:00 p. m.
Extreme velocity 18	SW	3:00 p. m.

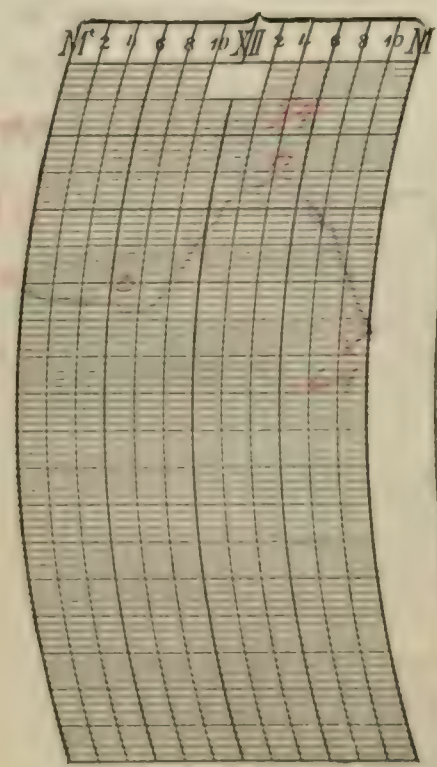
Relative humidity, 95 a. m. — p. m.

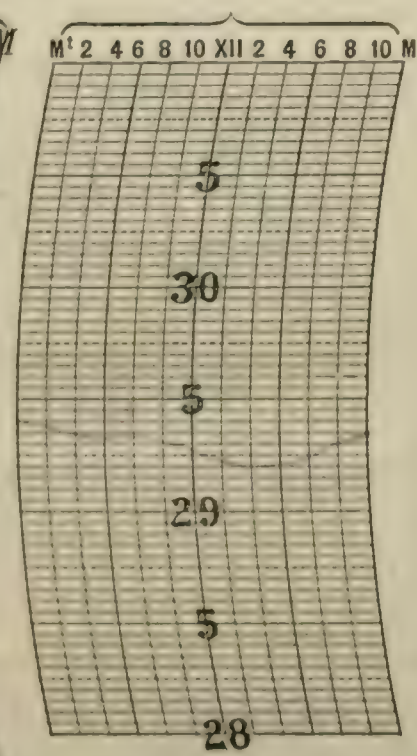
Reduced barometer, 29.88 a. m. — p. m.

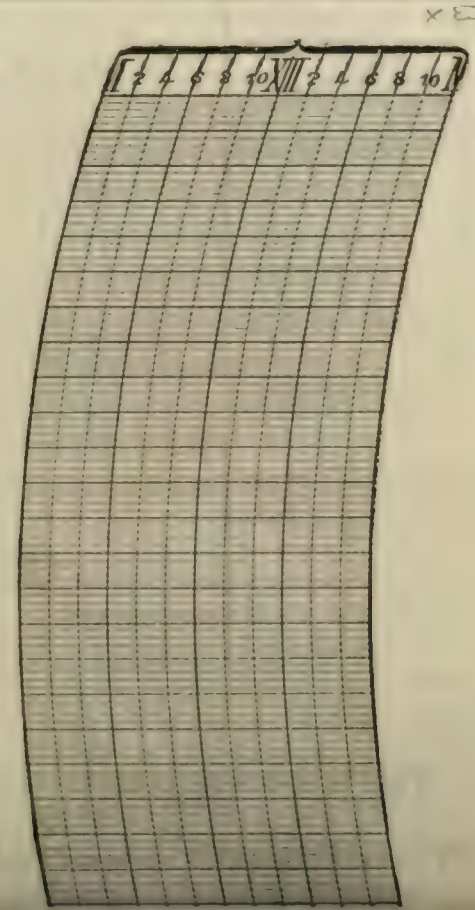
River gage, 12.3 [illegible]

× Eye observation

NOTES.







Prepared by [illegible]

Verified by [illegible]

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Wednesday, (Date) SEP 6 1911, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	62	61	59	60	62	63	62	61	61	63	64	65
State of weather: Nature of precipitation and time of beginning and ending								RB 7:30 RE 7:45				
Amounts of precipitation								T				
Cloudiness and other conditions							Cloudy					
Sunrise: Time, 5:27 Character, Cloudy												
Sunshine (in tenths of hours)						0	0	0	0	0.2	0	0.4
Wind direction	NW	NW	NW	NW	N	N	NE	NE	NE	NE	E	E
Wind movement	4	3	2	3	4	6	5	8	7	8	8	11
Maximum velocities (exceeding 25 miles)												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	68	71	73	74	73	71	69	66	62	62	64	[illegible]
State of weather: Nature of precipitation and time of beginning and ending								RB 7:20				
Amounts of precipitation								.02	.73	.69	.22	.21
Cloudiness and other conditions		*	Pt Cldy			*	Cloudy					
Sunset: Time, 6:21 Character, Cloudy												
Sunshine (in tenths of hours)	[illegible]	[illegible]	[illegible]	[illegible]			0					
Wind direction	E	E	E	E	E	NE	NE	NE	NE	NE	E	SE
Wind movement	12	12	13	14	10	12	14	15	17	10	11	12
Maximum velocities (exceeding 25 miles)												

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
74	59	[illegible]	[illegible]

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, 1.87 inches.

Character of day, Cloudy (8) Moon phase,

Actual sunshine, hours, 4.6

Possible sunshine, hours, 12.9

Percentage of possible sunshine, 36

Prevailing direction, Northeast

Total movement, 221

Average hourly velocity, 9.2

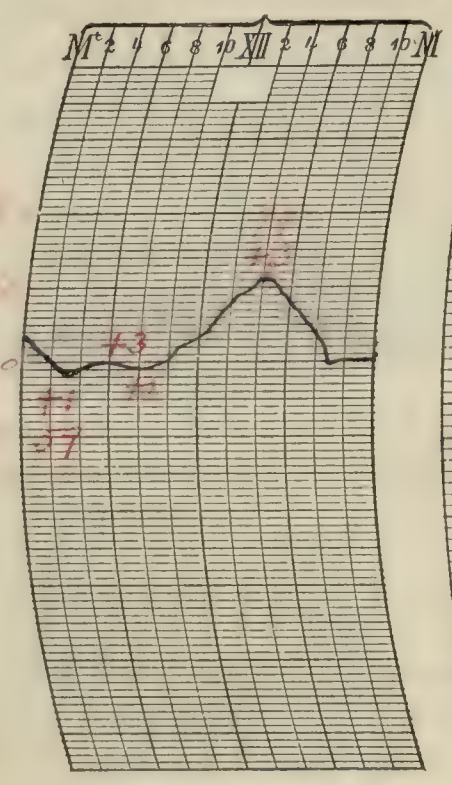
Maximum velocity,	Direction,	Time.
20	NE	8:50 pm
Extreme velocity 22	SE	11:58 pm

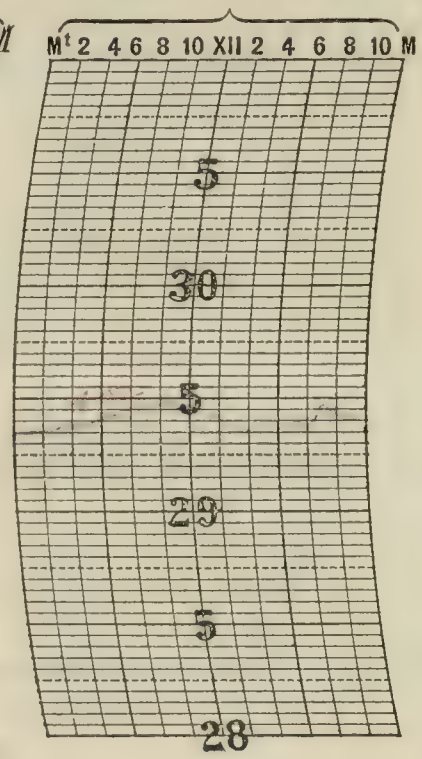
Relative humidity, 87 a. m. p. m.

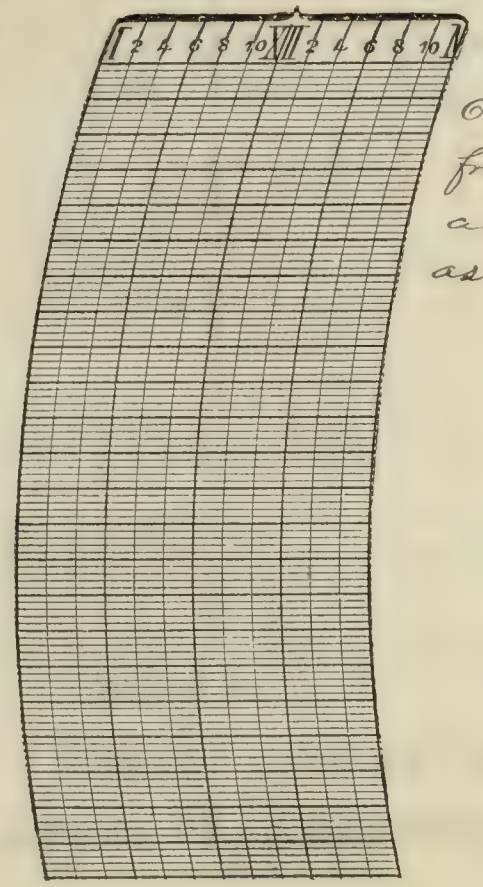
Reduced barometer, 30.00 a. m. p. m.

River gage, [illegible]

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
	7:20p	2:00a	1.90	8:28p	9:22p	.06	.05	.09	.15	.22	.43	.57	[illegible]							







NOTES.

Thunderstorm: First thunder heard at 6:40 pm; last heard next day. Storm came from southwest. The storm was very severe and was attended by excessive precipitation as indicated in the above table.

Prepared by [illegible]

Verified by [illegible]

8—486

Form No. 1011—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Thursday, (Date) SEP 7 1911 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	65	65	65	65	64	64	64	65	66	67	68	68
	R	ED	Ua							RB	RE	
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation	.03									T	T	
Cloudiness and other conditions										Cloudy		
Sunrise: Time, Character,	5:28 Cloudy											
Sunshine (in tenths of hours)						0	0	0	0	0	0	0
Wind direction	SE	SE	SW	W	W	NE	E	E	E	SW	SW	N
Wind movement	23	5	6	6	3	3	2	2	2			
Maximum velocities (exceeding miles)	12:29 SE 35											

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	70	71	76	76	73	72	69	67	62	59	54	
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions			Cloudy			Cloudy						
Sunset: Time, Character,									6:13 Cloudy			
Sunshine (in tenths of hours)	0	0	0.5	0.7	0	0						
Wind direction	W	W	W	W	W	W	W	W	N	NE	NE	NE
Wind movement	5	5	5	6	7	6	5	6	6	4	4	7

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
76	63	70	67

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 1.90 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, .03 inches.

Character of day, Cloudy (9) Mean 7 hours

Actual sunshine, hours, 1.2

Possible sunshine, hours, 12.7

Percentage of possible sunshine, 9

Prevailing direction, Northwest

Total movement, 137

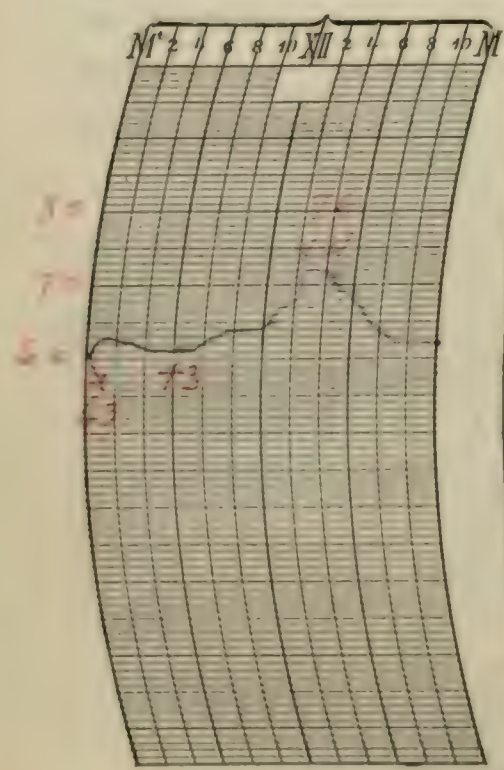
Average hourly velocity, 5.7

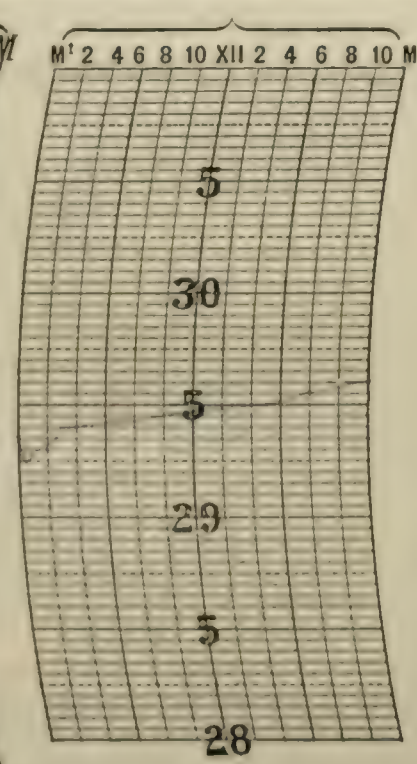
	Maximum velocity,	Direction,	Time
	35	SE	12:29 am
Extreme velocity	39	SE	12:27 am

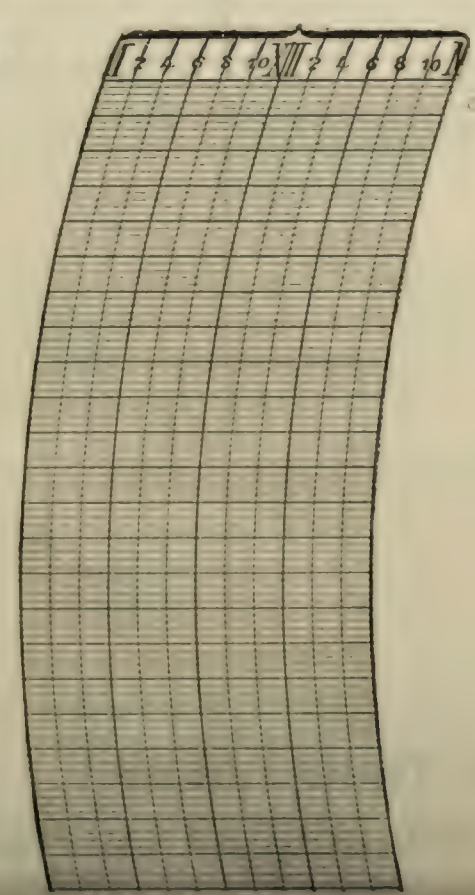
Relative humidity, 95 a. m. p. m.

Reduced barometer, 29.98 a. m. p. m.

River gage, 12.6 Rising







NOTES.

Thunderstorm: first thunder heard preceding day; last heard D Ua. Storm came fr

Prepared by S. P. P.

Verified by S. P. P.

8—486

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE ILL., (Day of week) Friday, (Date) SEP 8 1911, 191

Time (local standard), 90 mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	62	61	61	61	62	62	62	63	63	65	64	65
							RB 6:43	RE 7:25				
State of weather. Nature of precipitation and time of beginning and ending												
Amounts of precipitation							T	T				
Cloudiness and other conditions				Lt fog	→	→	→	Cloudy	→	→	→	→
Sunrise: Time, Character,	5:29 Cloudy											
Sunshine (in tenths of hours)						0	0	0	0	0	0	0
Wind direction	NE	N	NE	NE	NE	NE	N	NE	NE	NE	E	E
Wind movement	6	5	3	7	6	3	4	5	6	4	5	4
Maximum velocities (exceeding ___ miles)												

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	68	68	72	72	75	75	72	71	69	68	66	66
State of weather. Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	→	→	→	→	PC	Clear	→	→	→	Mon veille	→	→
Sunset: Time, Character,									6:18 Clear			
Sunshine (in tenths of hours)	0	0	0.1	0.2	0.1	0.5 0	.30 0					
Wind direction	E	E	E	E	N	W	W	NE	NE	NE	NE	E
Wind movement	4	3	2	1	3	1	3	4	6	7	8	6
Maximum velocities (exceeding ___ miles)												

	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
75	61	68	66

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., T ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Cloudy (8) Moon phase, ○ 9.57

Actual sunshine, hours, 1.2

Possible sunshine, hours, 12.8

Percentage of possible sunshine, 9

Prevailing direction Northeast

Total movement, 106

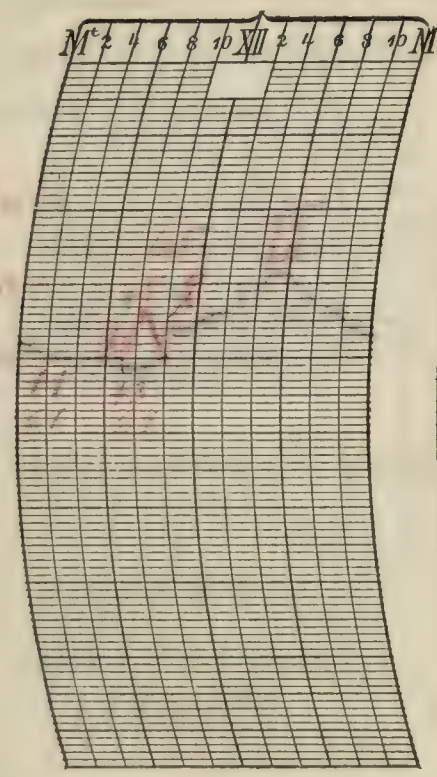
Average hourly velocity, 4.4

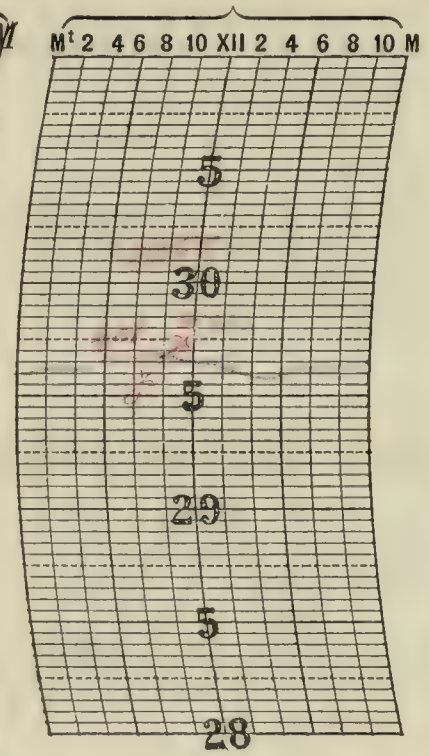
	Maximum velocity,	Direction,	Time.
	10	NE	10:35 pm
Extreme velocity	10	NE	10:35 pm

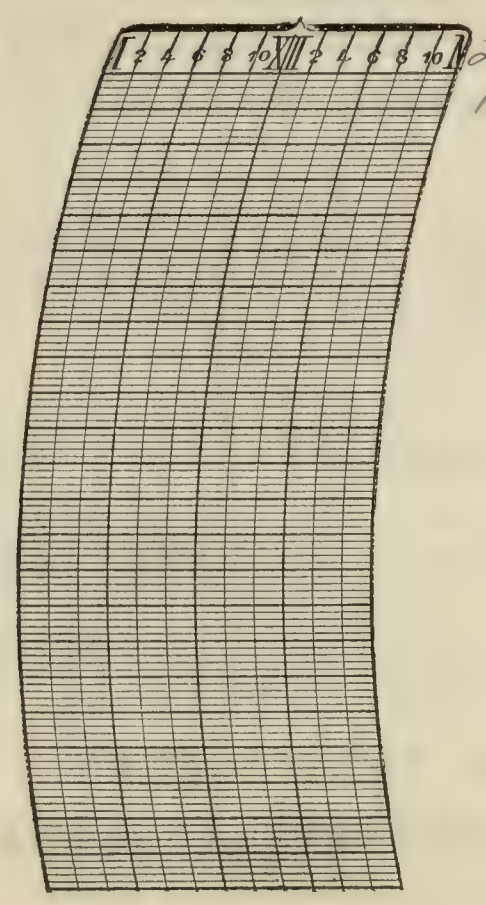
Relative humidity, 97 a. m. ___ p. m.

Reduced barometer, 30.24 a. m. ___ p. m.

River gage, 12.6 Stationary







NOTES.

Light fog formed 7 Ua and continued until 11:00 am.

Prepared by S. [illegible]

Verified by S. [illegible]

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Saturday, (Date) SEP 9 1911, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	66	65	65	63	64	64	64	64	63	65	68	74	77	81	81	81	80	79	76	74	72	71	70	69
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions				Lt fog	cloudy					→		Pt cldy									moon visible			
Sunrise: Time, Character,	5:30 Clear																				Sunset: Time, Character, 6:16 Clear			
Sunshine (in tenths of hours)						0	0	0	0	0.2	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.4					
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	E	E	SE	SE	S	S	SW	W	SW	SW	SW	0	SW	SW	SW	SW
Wind movement	4	5	5	5	3	5	3	5	6	6	4	4	3	4	5	2	3	2	1	0	1	1	1	2
Maximum velocities (exceeding 20 miles)																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

	Maximum.	Minimum.	Mean.	Normal.
	87	63	73	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day Pt Cldy (D) Moon phase,

Actual sunshine, hours, 8.4

Possible sunshine, hours, 12.8

Percentage of possible sunshine, 66

Prevailing direction Northeast

Total movement, 80

Average hourly velocity, 3.3

	Maximum velocity,	Direction.	Time.
	8	E	7.58 am
Extreme velocity	8	E	7.58 am

Relative humidity, 95 a. m. p. m.

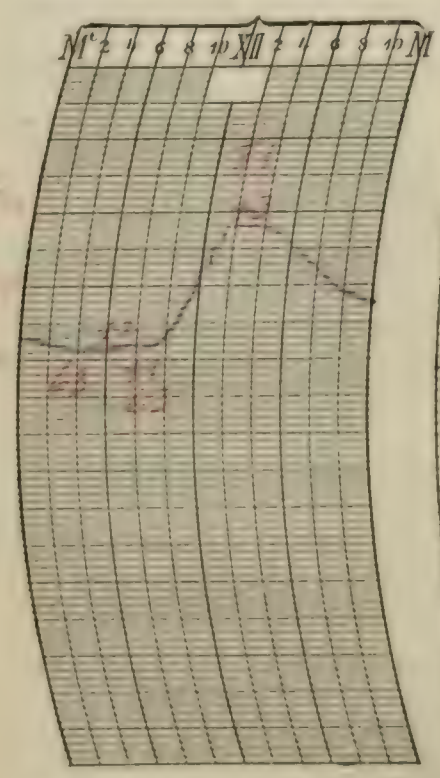
Reduced barometer, 30.26 a. m. p. m.

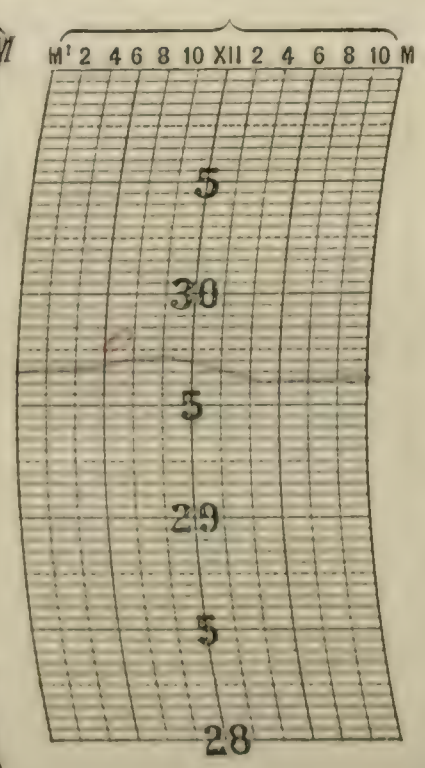
River gage, 12.7 Rising

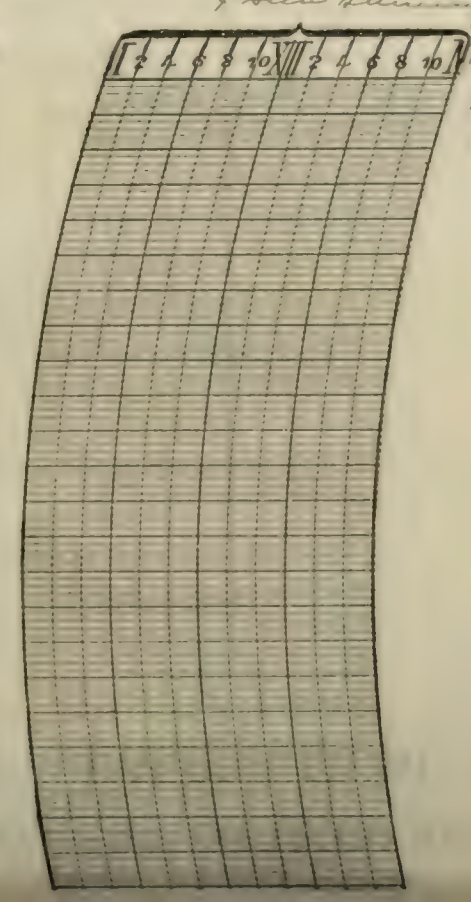
NOTES.

Sun seen shining through clouds.

Light fog formed D 11a and continued until 10.00 am







Prepared by S.
Verified by S.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Sunday, (Date) SEP 10 1911, 191

Time (local standard), 90th mer. — 1 hours slower than 75th meridian time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	69	68	68	66	66	66	68	68	70	70	70	69
State of weather: Nature of precipitation and time of beginning and ending										RB		
Amounts of precipitation										T	.21	.25
Cloudiness and other conditions					Pt Cldy			×	Cloudy			
Sunrise: Time, Character,	5:31 Cloudy											
Sunshine (in tenths of hours)						0	1.0	0.5	0	0	0	0
Wind direction	SW	SE	SE	SE	0	SE	S	E	S	S	S	SW
Wind movement	1	1	1	1	0	2	2	3	4	3	2	6

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	70	72	72	74	74	74	70	70	70	69	68	66
State of weather: Nature of precipitation and time of beginning and ending	RE 12:55											
Amounts of precipitation												
Cloudiness and other conditions		×	Pt Cldy	×	Clear						Moon visible	
Sunset: Time, Character,									6:14 Clear			
Sunshine (in tenths of hours)	0	0.4	0	0.2	0.1	0.7 0.1	.23 0					
Wind direction	E	SE	SE	SE	S	S	NE	E	E	0	E	E
Wind movement	3	5	4	4	2	2	3	4	3	0	1	1

Maximum velocities (exceeding 25 miles)

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
9:30a	12:55p	1.55	10:58a	11:44a	.17	.18	.50	.57	.63	.66	.72	.98	1.15	1.25	1.24				

Excessive precipitation, accumulated amounts

Maximum	Minimum	Mean	Normal
75	66	70	66

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 1.55 ins.

Total precipitation, midnight to midnight, 1.55 inches.

Character of day, Pt Cldy (7) Moon phase,

Actual sunshine, hours, 3.2

Possible sunshine, hours, 12.7

Percentage of possible sunshine, 25

Prevailing direction, Southeast

Total movement, 58

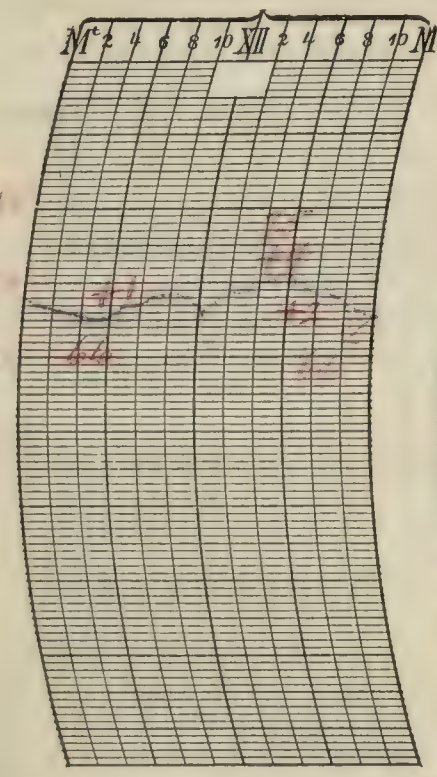
Average hourly velocity, 2.4

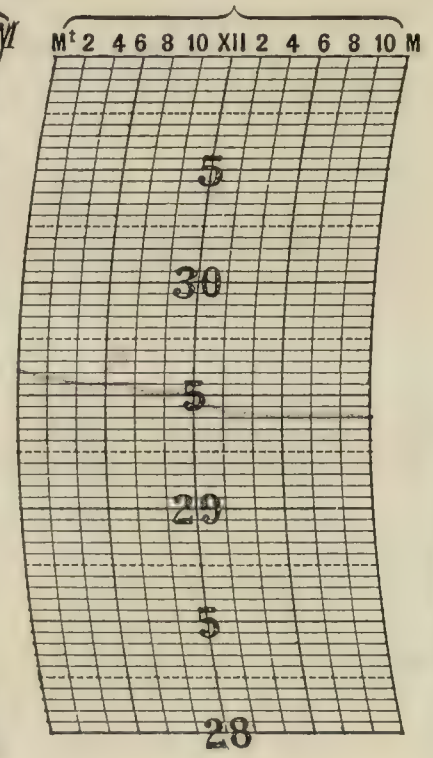
Maximum velocity,	Direction,	Time.
15	SW	11:33 am
Extreme velocity 15	SW	11:33 am

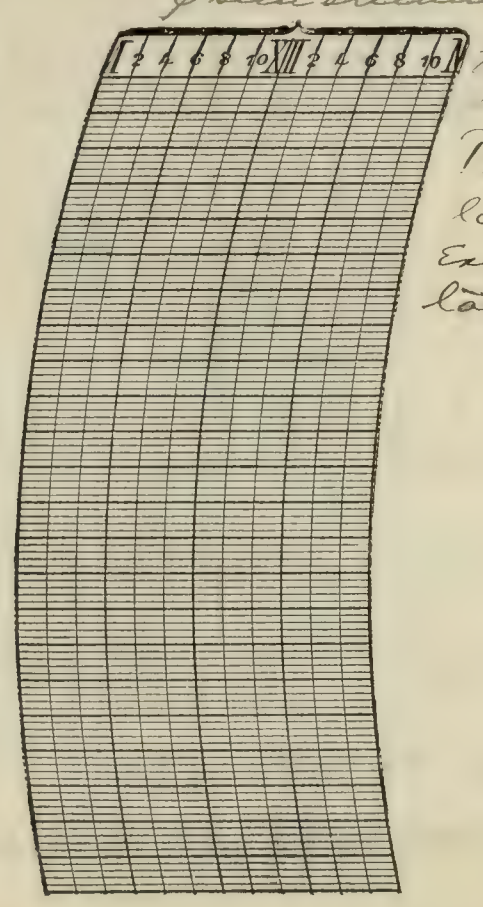
Relative humidity, 90 a. m. ____ p. m.

Reduced barometer, 30.12 a. m. ____ p. m.

River gage, 12.7 Station







Prepared by S. C.

Verified by S. C. P.

8—486

NOTES.

Sun shining through

Lt fog formed D U p and continued into next day.

Thunderstorm: first thunder heard 10:20a; last heard at 12:15 p; storm came from SW. Excessive precipitation, indicated in above table, attended this storm.

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) [illegible], (Date) SEP 11 1911 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	66	65	64	[illegible]	63	64	64	64	64	65	69	73
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Lt fog		× Dense fog			Cloudy			× Fog			
Sunrise: Time, Character,	5:32	Fog										
Sunshine (in tenths of hours)						0	0	0	0	0	0.3	1.0
Wind direction	E	E	SW	SW	SW	SW	SW	0	SW	SW	SW	SW
Wind movement	1	1	3	3	2	1	1	0	2	3	0	0

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	75	79	81	82	82	80	77	76	74	[illegible]	[illegible]	[illegible]
Nature of precipitation and time of beginning and ending									RB 9:30 RE 9:35 R+HB 9:35 R+HE 9:40 RB 9:40	RE DU p		
Amounts of precipitation										.40	.19	.04
Cloudiness and other conditions	× P.C.		× Clear					× Fog				
Sunset: Time, Character,									6:12			
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	1.0	0.2	0					
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	E	SW	W
Wind movement	6	7	9	11	10	11	8	4	2	11	4	6
Maximum velocities (exceeding 25 miles)										30		

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
82	62		

Total depth of snow for 24 hours ending 7 p. m., [illegible] inches.

Snow on ground 7 p. m., [illegible] inches.

Total snowfall, midnight to midnight, [illegible] inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., [illegible] ins.

Total precipitation, midnight to midnight, .63 inches.

Character of day, Ptcldy (Clear, Cloudy, or Mixed, please.)

Actual sunshine, hours, 7.5

Possible sunshine, hours, [illegible]

Percentage of possible sunshine, 57

Prevailing direction, Southwest

Total movement, 117

Average hourly velocity, 4.9

Maximum velocity,	Direction,	Time
30	NE	7:45 pm
Extreme velocity 39	NE	

Relative humidity, 10 a. m. [illegible] p. m.

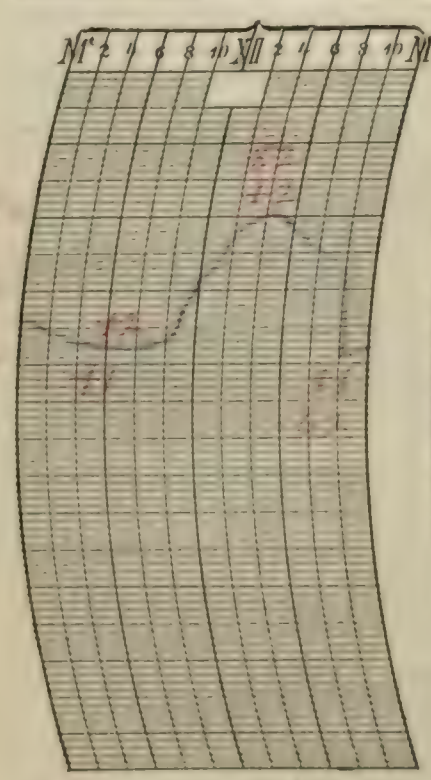
Reduced barometer, 29.[illegible] a. m. [illegible] p. m.

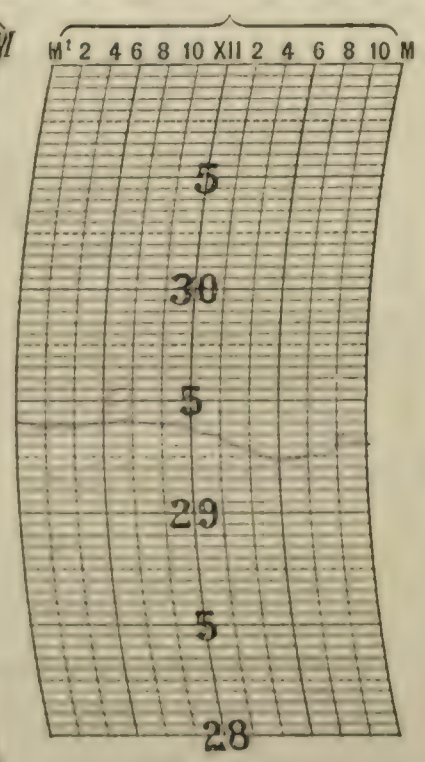
River gage, 12.[illegible] Danger [illegible]

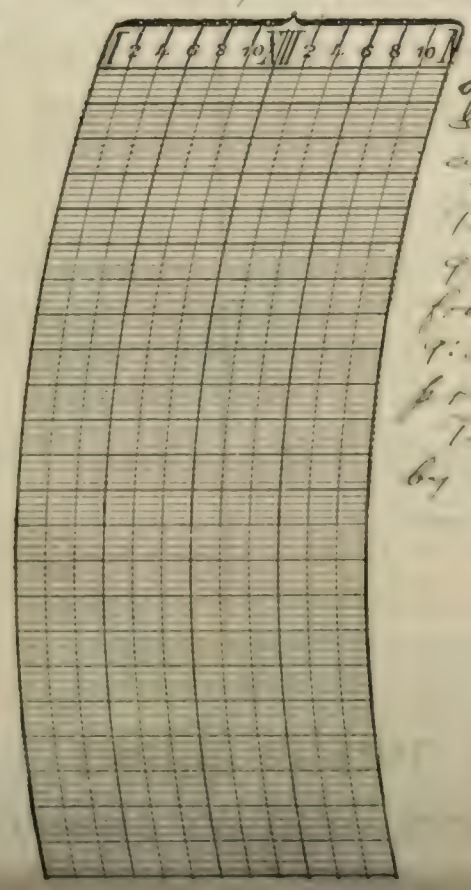
Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
	9:30p	DUp	0.63	9:41p	9:52p	.01	.24	.37	.38	✓										

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

× Eye observation







NOTES.

Light fog continued from DUp of the 10th to DUa of the 11th, becoming dense DUa this date, and changing to light again at 8:50 am; it disappeared at 10:30 am.

Thunderstorm: First thunder heard at 9 o'clock, last heard DUp.; storm came from west; attended by light hail from 9:35 pm to 9:45 pm; also attended by excessive precipitation as indicated in above table. Thomas Bowes of Ottawa, Ill., was killed by lightning during the progress of this storm.

Prepared by [illegible]

Verified by [illegible]

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., *(Day of week)* F[illegible], *(Date)* SEP 12 191[illegible], 191

Time (local standard), 90 mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	64	64	64	64	64	63	63	61	62	63	64	65
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Moon in sight			Clear			× Cloudy				× Pt Cldy	
Sunrise: Time, Character,	5:34 Clear											
Sunshine (in tenths of hours)						.43 0	.9 0	0	0	0	0.4	0.5
Wind direction	W	W	W	W	W	NE	NE	NE	NE	NE	NE	NE
Wind movement	6	5	3	2	3	8	9	11	10	10	8	8

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	67	68	69	69	70	69	66	64	63	62	61	[illegible]
State of weather: Nature of precipitation and time of beginning and ending											RB 10:45	
Amounts of precipitation											T	.01
Cloudiness and other conditions				× Clear			× Pt Cldy			× Cloudy		
Sunset: Time, Character,									6:11 Cloudy			
Sunshine (in tenths of hours)	1.0	0.9	0.9	0.9	Ø 1.0	0.5 0	0					
Wind direction	NE	NE	NE	E	E	E	E	E	E	E	E	E
Wind movement	8	8	8	7	6	6	6	5	9	9	8	7

Maximum velocities (exceeding 20 miles)

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
70	59	64	[illegible]

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .63 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, .01 inches.

Character of day Pt Cldy ④ Moon phase, •

Actual sunshine, hours, 7.7

Possible sunshine, hours, 12.6

Percentage of possible sunshine, 61

Prevailing direction Northeast

Total movement, 170

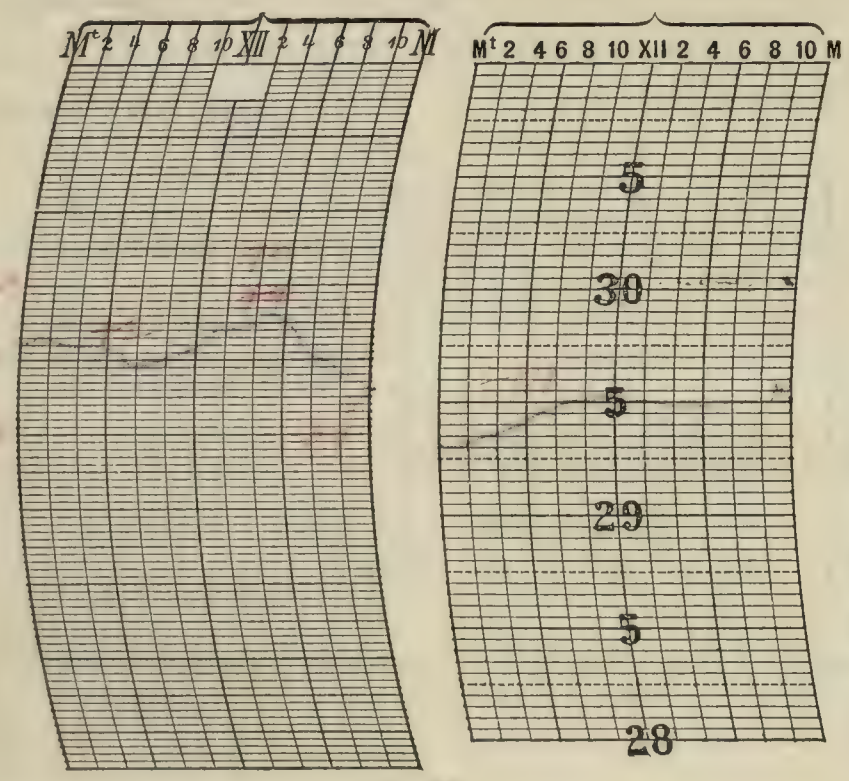
Average hourly velocity, 7.1

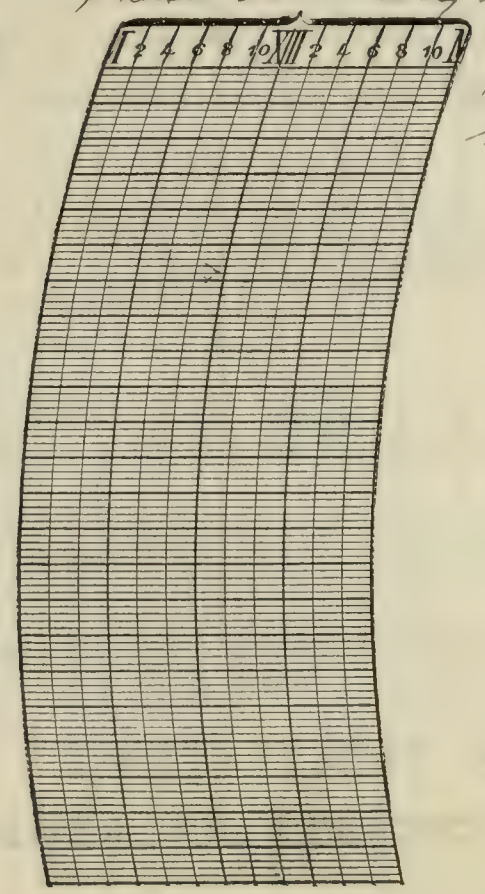
Maximum velocity,	Direction,	Time.
14	E	7:12 am
Extreme velocity 15	E	7:12 am

Relative humidity, 90 a. m. ____ p. m.

Reduced barometer, 30.03 a. m. ____ p. m.

River gage, 13.0 Rising





Sun shining through clouds

NOTES.

Thunderstorm: First thunder heard at 12:15 pm; last heard 2 pm.; storm came from NE.

Prepared by S. P. S.

Verified by S. P. P.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LASALLE, ILL., (Day of week) Wednesday, (Date) SEP 13 1911 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	58	57	56	56	56	56	56	57	58	61	64	65
Nature of precipitation and time of beginning and ending	RE	RE										
Amounts of precipitation		.02		.02								
Cloudiness and other conditions						Cloudy						
Sunrise: Time, Character	5:35 Cloudy											
Sunshine (in tenths of hours)						0	0	0	0.6	0.4	0.7	1.0
Wind direction	NE	E	E	E	E	E	E	E	E	E	SE	E
Wind movement	10	10	7	4	6	5	9	7	10	7	6	4

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	66	69	70	70	72	71	69	68	67	67	67	67
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions				Partly Cloudy			Cloudy					
Sunset: Time, Character									6:07 Cloudy			
Sunshine (in tenths of hours)	1.0	0.9	0.3	0	0.1	0	0					
Wind direction	SE	E	E	E	E	E	E	E	E	E	E	E
Wind movement	7	10	8	5	6	4	6	11	9	8	7	9

Maximum velocities (exceeding ..... miles)

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

	Maximum.	Minimum.	Mean.	Normal.
	72	56	64	—

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .05 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, .04 inches.

Character of day, Cloudy. Moon phase.

Actual sunshine, hours, 5.0

Possible sunshine, hours, 12.5

Percentage of possible sunshine, 40

Prevailing direction, East

Total movement, 175

Average hourly velocity, 7.3

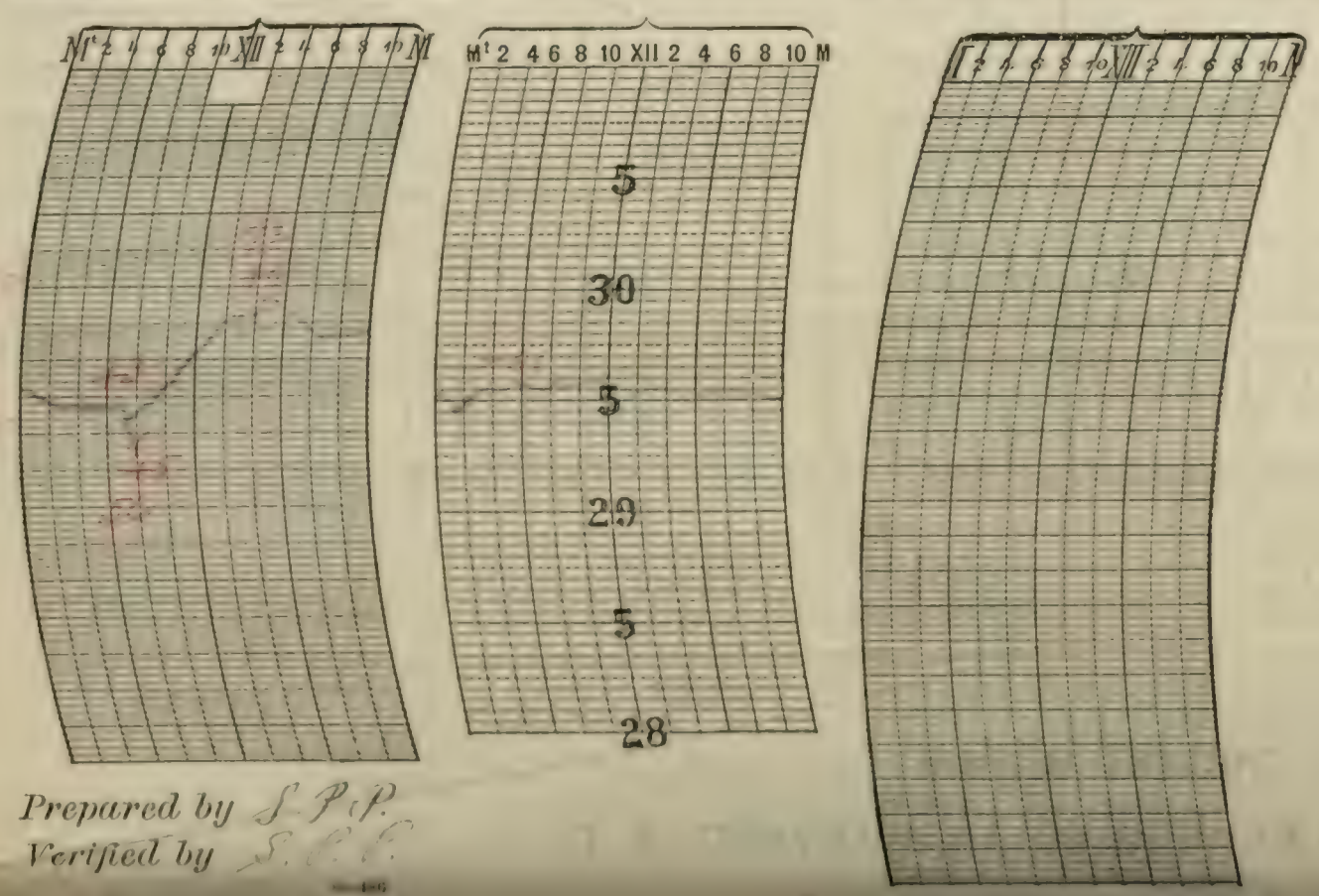
	Maximum velocity,	Direction.	Time
	15	NE	12:37 a.m.
Extreme velocity	15	NE	

Relative humidity, 91 a. m. p. m.

Reduced barometer, 30.11 a. m. p. m.

River gage, 12.9 Fall

NOTES.



Prepared by S. P. P.
Verified by S. C. C.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Thursday (Date) SEP 14 1911, 191

Time (local standard), 90 mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	67	67	67	66	66	62	59	59	59	61	64	66	82	87	89	88	88	85	84	84	81	77	74	73
State of weather: Nature of precipitation and time of beginning and ending		RB	RB	RB																	RB 8:28			
		RE	RE	Ha																				
Amounts of precipitation					.02																T	T	T	.04
Cloudiness and other conditions					Cloudy								Pt Cldy											
Sunrise: Time, Character	5:36 Cloudy																							
Sunset: Time, Character																					6:07 Cloudy			
Sunshine (in tenths of hours)						0	0	0	0	0	0.4	1.0	1.0	0.9	0.9	0	0	0	0					
Wind direction	E	SE	E	SE	E	NE	E	E	SE	SE	SE	SE	S	SW	SW	SW	SW	SW	SW	SW	SW	W	W	W
Wind movement	9	11	9	8	6	13	13	13	13	11	11	8	11	22	22	16	12	9	9	7	14	12	5	7
Maximum velocities (exceeding 25 miles)														1:40 SW 26	2:40 SW 25									

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
90	59	74	64

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .02 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, .06 inches.

Character of day, Cloudy (8) Moon phase,

Actual sunshine, hours, 3.4

Possible sunshine, hours, 12.5

Percentage of possible sunshine, 27

Prevailing direction, Southwest

Total movement, 271

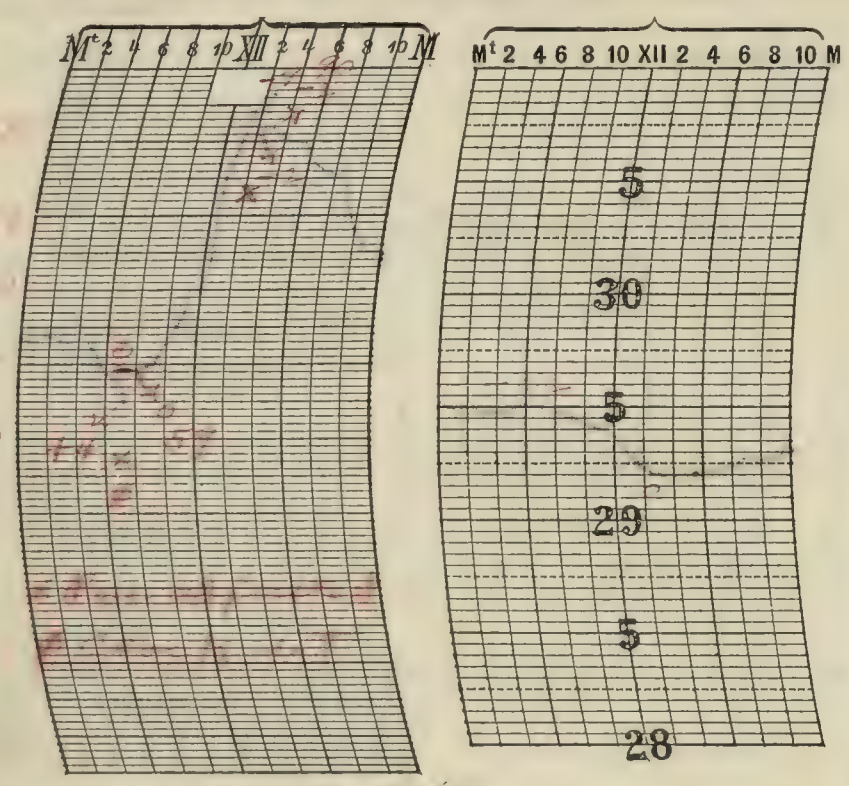
Average hourly velocity, 11.3

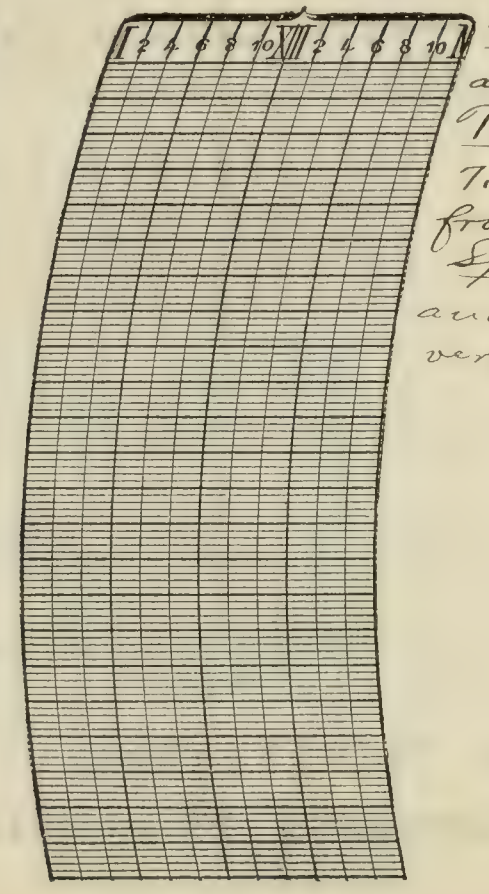
Maximum velocity,	Direction,	Time.
26	SW	1:40 pm
Extreme velocity 26	SW	1:40 pm

Relative humidity, 93 a. m. p. m.

Reduced barometer, 30.05 a. m. p. m.

River gage, 12.9 Stationary





NOTES.

Thunderstorm: First thunder heard 2 Ha; last at 5:00 am; storm came from S.W.

Thunderstorm: First thunder heard at 7:43 pm; last heard next day; storm came from S.W.

Special Observation was taken at 2:20 pm and telegraphed to Washington. Pressure fell very rapidly.

Prepared by

Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, Ill., (Day of week) Friday, (Date) SEP 15 19, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	71	71	72	72	72	71	71	72	[illegible]	[illegible]	78	79
State of weather: Nature of precipitation and time of beginning and ending	R	E	R	Ua								
Amounts of precipitation	.13	.02										
Cloudiness and other conditions				Fog						Cloudy		
Sunrise: Time, Character,	5:36 Cloudy											
Sunshine (in tenths of hours)						0	0	0.1	1.0	0.6	0.5	0.2
Wind direction	NW	NW	SW	W	W	W	SE	SE	N	NE	N	NW
Wind movement	8	2	4	4	1	1	2	2	5	3	3	4

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	79	79	78	78	76	76	73	72	70	68	67	65
State of weather: Nature of precipitation and time of beginning and ending		RD										
Amounts of precipitation		T										
Cloudiness and other conditions												
Sunset: Time, Character,									6:06 Cloudy			
Sunshine (in tenths of hours)	0.3	0	0.1	0.1	0	0	0					
Wind direction	NW	W	W	W	W	W	W	W	W	W	W	W
Wind movement	3	6	5	6	3	4	1	3	1	1	2	1

Maximum velocities (exceeding ___ miles)

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

	Maximum.	Minimum.	Mean.	Normal
	79	65	[illegible]	[illegible]

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .19 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, .15 inches.

Character of day, Cloudy (9) Moon phase, [illegible]

Actual sunshine, hours, 2.9

Possible sunshine, hours, [illegible]

Percentage of possible sunshine, 23

Prevailing direction, West

Total movement, 705

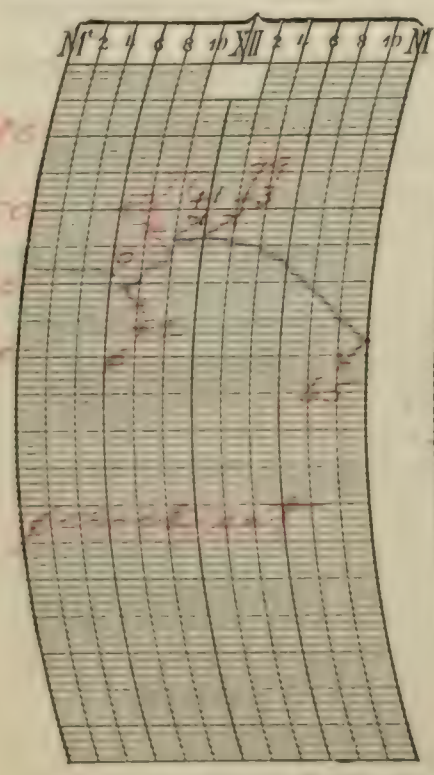
Average hourly velocity, 3.1

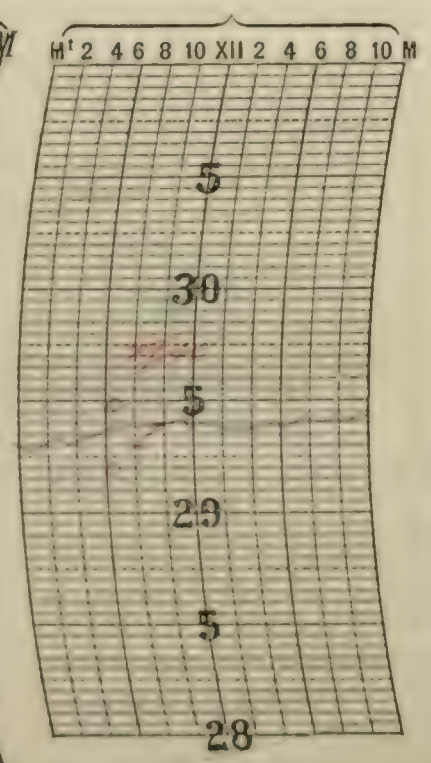
	Maximum velocity,	Direction,	Time
	16	NW	12:07 am
Extreme velocity	16	NW	[illegible]

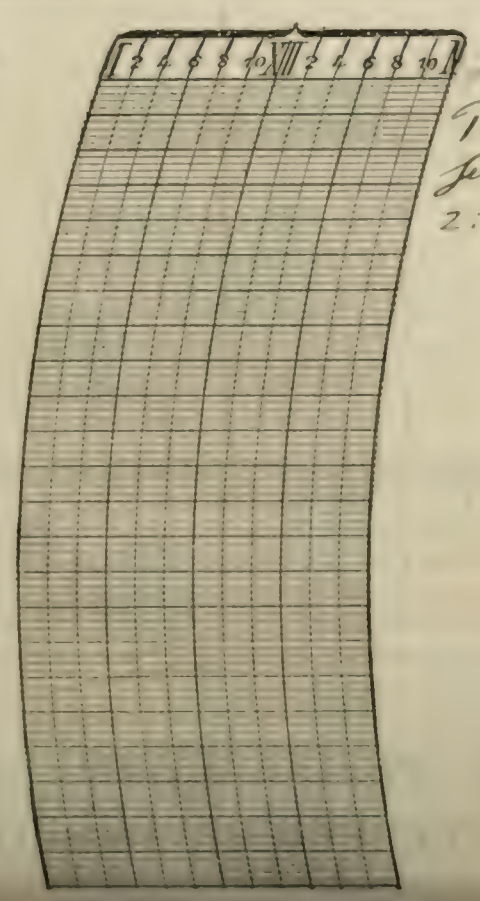
Relative humidity, 99 a. m. ____ p. m.

Reduced barometer, 29.95 a. m. ____ p. m.

River gage, [illegible]







NOTES.

Fog Ua to 9:00 am

Thunderstorm: First thunder heard preceding day; last thunder heard at 2:00 am; storm came from SW.

Prepared by S. P. C.

Verified by [illegible]

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LASALLE, ILL., *(Day of week)* Saturday, *(Date)* SEP 16 1911, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	64	61	60	57	58	58	57	57	61	69	73	78	80	82	84	84	83	79	76	74	72	70	[illegible]	[illegible]
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions				Dense fog	Cloudy								Clear											
Sunshine (in tenths of hours)						0	0	*0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	*1.0	1.0 0	.07 0					
Wind direction	W	W	W	W	W	W	O	W	W	SW	SW	SW	S	S	SE	SE	SE	E	E	E	SE	SE	SE	SE
Wind movement	1	1	3	1	2	1	0	1	2	3	2	2	3	3	3	4	4	3	3	2	2	3	2	3
Maximum velocities (exceeding 25 miles)																								

Sunrise: Time, 5:37; Character, Foggy

Sunset: Time, 6:04; Character, Clear

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
84	58	[illegible]	64

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear (2) Moon phase,

Actual sunshine, hours, 11.0

Possible sunshine, hours, 12.4

Percentage of possible sunshine, 89

Prevailing direction, West

Total movement, 55

Average hourly velocity, 2.3

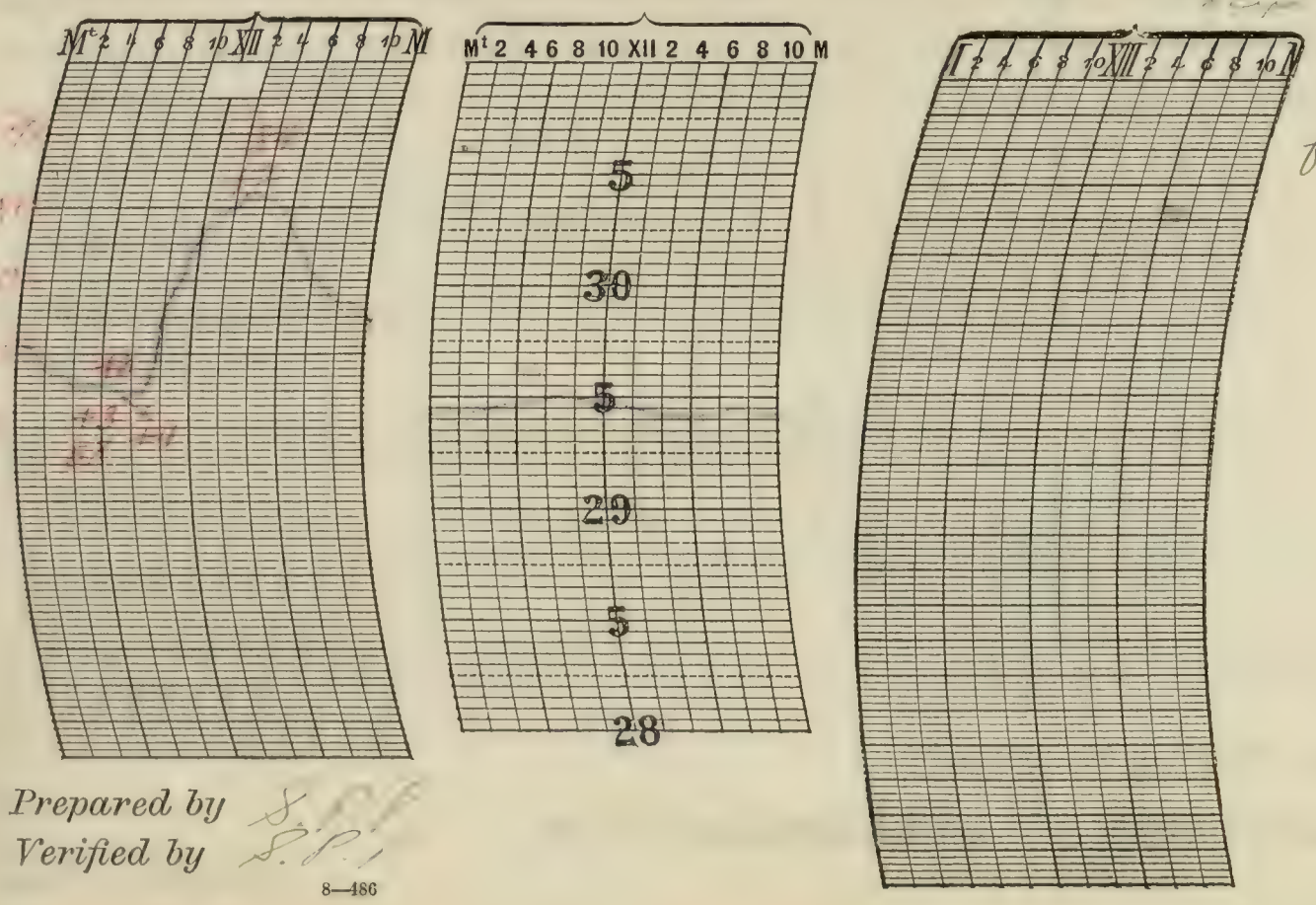
Maximum velocity,	Direction,	Time.
5	SE	3:45 pm
extreme velocity 5	SE	3:45 pm

Relative humidity, 100 a. m. p. m.

Reduced barometer, 30.05 a. m. p. m.

River gage, 15.0 Falling

* Eye observation.



NOTES.

* Sun shining through fog.

Dense fog from 5 a.m. to 7:05 a.m.; light fog from 7:05 a.m. to 8:00 a.m.

Prepared by S.

Verified by S. P.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Sunday, (Date) SEP 17 1911, 191

Time (local standard), 90 mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	66	64	64	64	64	64	65	66	68	67	70	75
	RBDNa							RE 7:05	RB 8:44	RE 9:45		
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation						.04	.03	T	T	.12		
Cloudiness and other conditions								Cloudy				
Sunrise: Time, 5:38 Character, Cloudy												
Sunshine (in tenths of hours)						0	0	0	0	0	0.6	0.7
Wind direction	E	E	E	E	E	E	E	E	SE	SE	SE	SE
Wind movement	2	3	4	5	4	6	5	4	5	6	8	6
Maximum velocities (exceeding 25 miles)												

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	75	84	82	82	82	80	77	77	76	76	75	75
											RBDNa	
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												.01
Cloudiness and other conditions			×	Pt Cldy						×	Cloudy	
Sunset: Time, 6:02 Character, Clear												
Sunshine (in tenths of hours)	0.8	1.0	0.6	0.4	× 0.7	0.7 0.2	.03 0					
Wind direction	E	S	SW	S	SE	SE	SE	SE	SE	SE	S	S
Wind movement	7	7	9	7	7	6	5	7	11	10	8	6
Maximum velocities (exceeding 25 miles)												

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal
84	64	74	68

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .01 inches; to 7 p. m., .19 in.

Total precipitation, midnight to midnight, .20 inches.

Character of day, Pt Cldy (7) Moon phase,

Actual sunshine, hours, 5.7

Possible sunshine, hours, 12.4

Percentage of possible sunshine, 46

Prevailing direction, Southeast

Total movement, 148

Average hourly velocity, 6.2

	Maximum velocity,	Direction,	Time
	13	SW	2:10 pm
Extreme velocity	13	SW	2:10 pm

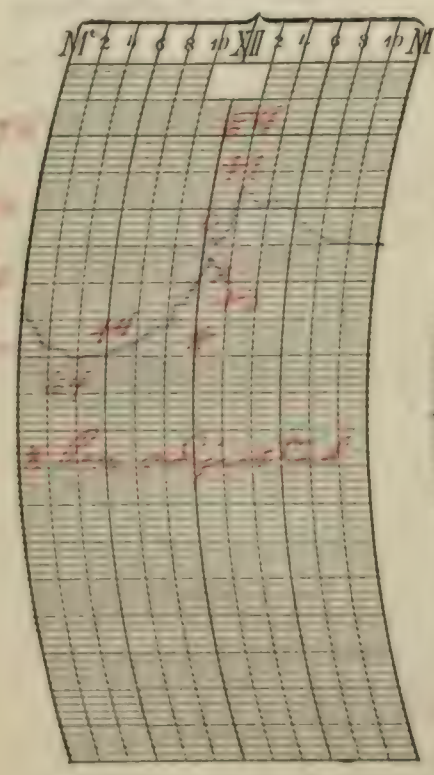
Relative humidity, 97 a. m. p. m.

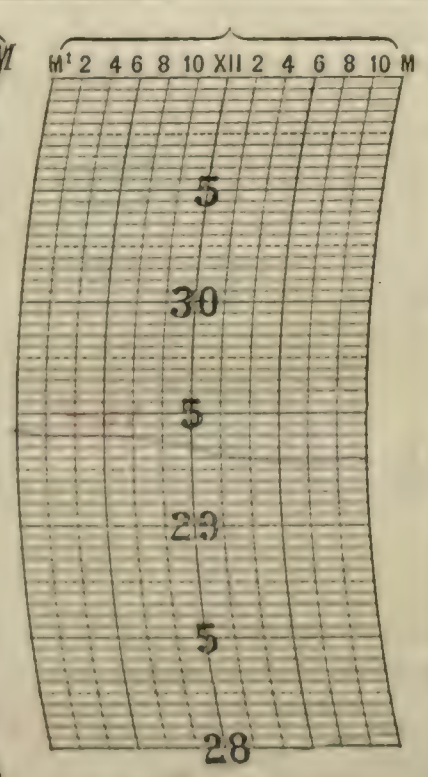
Reduced barometer, 29.95 a. m. p. m.

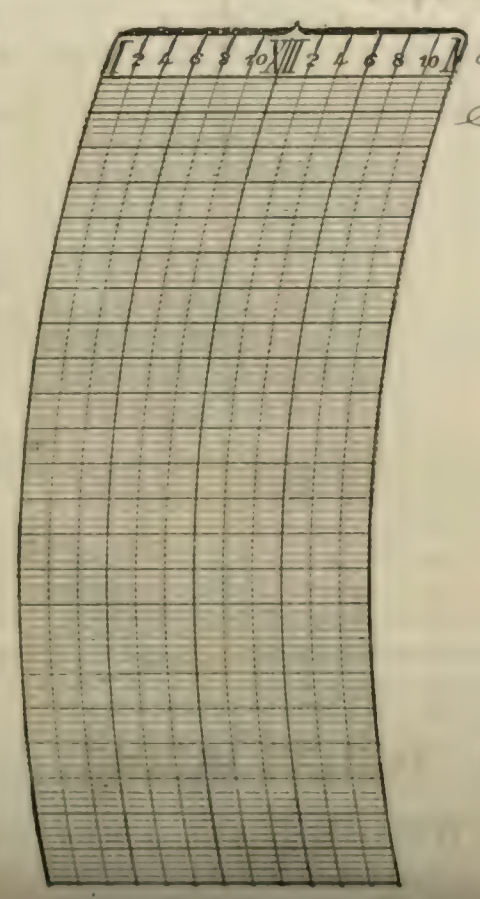
River gage, 14.5 Falling

NOTES.

Thunder storm: First thunder heard at 10:10 pm; last heard next day; storm came from S.W.







Prepared by S. P. P.
Verified by S. P. P.

8—486

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Monday, (Date) SEP 18 1911, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	75	76	77	72	70	69	69	69	72	74	75	75
State of weather: Nature of precipitation and time of beginning and ending		RE	D Ha									
Amounts of precipitation	.02	.01	.22									
Cloudiness and other conditions					Cloudy							
Sunrise: Time, Character,	5:39 Cloudy											
Sunshine (in tenths of hours)						0	0	0	0.1	0.4	0	0
Wind direction	S	SW	SW	W	NE	NE	NE	N	E	E	W	W
Wind movement	7	10	9	5	8	7	6	5	4	2	8	8

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	74	73	73	74	74	72	69	67	65	63	61	60
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					x Partly Cdy							
Sunset: Time, Character,									6:01 Clear			
Sunshine (in tenths of hours)	0	0	0	0	0.4	0.6 0.2	0.2 0					
Wind direction	W	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW
Wind movement	9	11	8	7	7	6	3	6	5	8	8	6

Maximum, 24 velocities (exceeding 40 miles)

Maximum.	Minimum.	Mean.	Normal.
77	60	68	63

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .25 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, .25 inches.

Character of day, Cloudy (8) Moon phase,

Actual sunshine, hours, 1.7

Possible sunshine, hours, 12.4

Percentage of possible sunshine, 14

Prevailing direction, Northwest

Total movement, 164

Average hourly velocity, 6.8

Maximum velocity,	Direction,	Time.
15 Extreme velocity 17	NW SW	1:03 pm

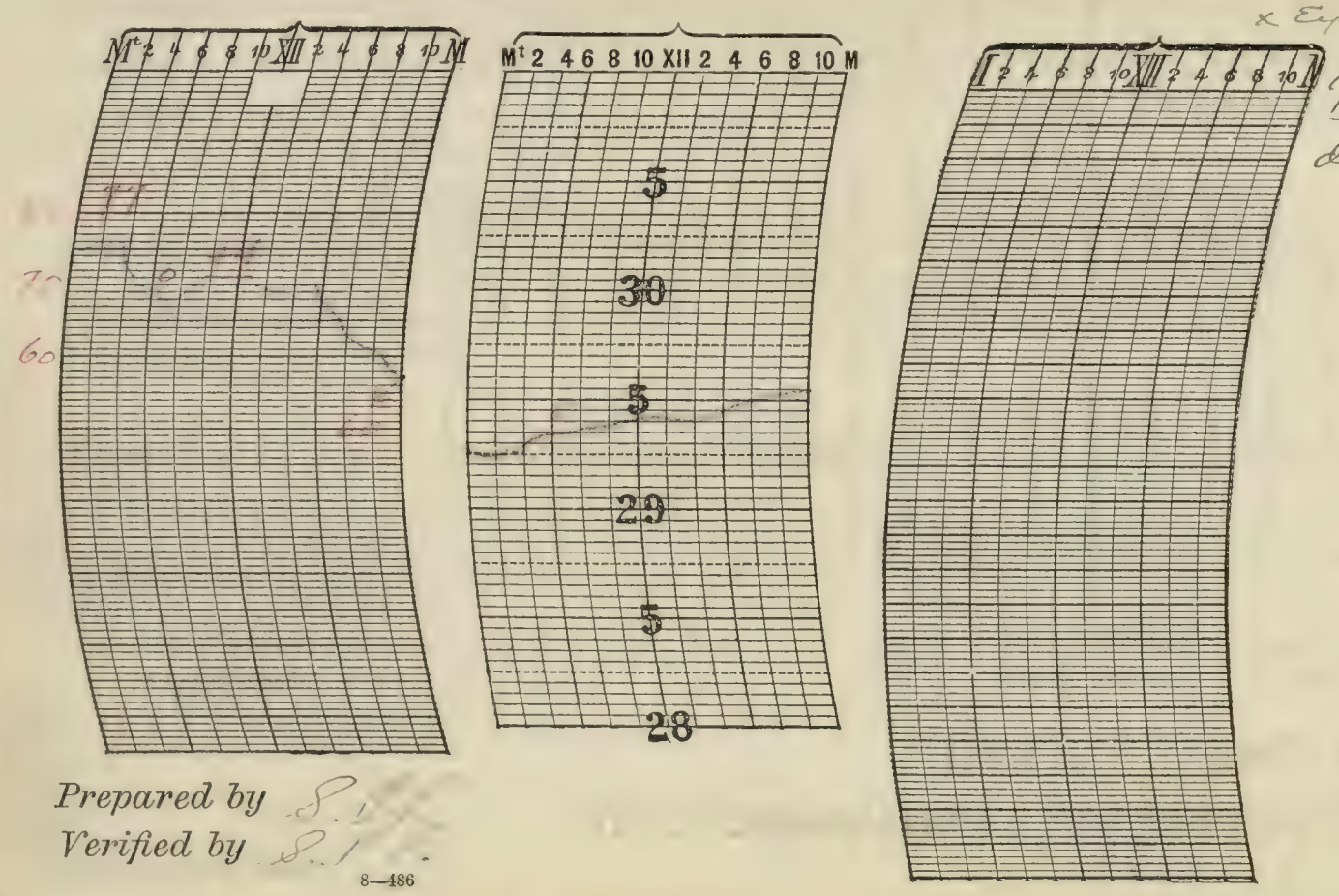
Relative humidity, 95 a. m. p. m.

Reduced barometer, 29.92 a. m. p. m.

River gage, 14.2 Falling

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

x Eye observation.



NOTES.

Thunderstorm: First thunder heard preceding day; last heard D Ha; storm came from NW

Prepared by S.

Verified by S.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Tuesday, (Date) SEP 19 1911, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	60	58	55	55	54	52	54	56	61	62	65	67
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions											Clear	
Sunrise: Time, Character,	5:41 Clear											
Sunshine (in tenths of hours)						.32 0	0.6 0.4	1.0	1.0	1.0	1.0	1.0
Wind direction	NW	NW	NW	NW	NW	NW	NW	N	N	N	N	NW
Wind movement	7	8	7	5	5	4	8	8	9	7	8	7
Maximum velocities (exceeding 25 miles)												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	68	69	70	70	70	68	65	64	62	58	57	55
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions												
Sunset: Time, Character,									5:52 Clear			
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	1.0 ×	0.20 ×						
Wind direction	NW	NW	NW	NW	N	N	N	N	N	N	N	E
Wind movement	8	7	8	7	5	4	4	5	3	2	3	2
Maximum velocities (exceeding 25 miles)												

× Sips obs. at 4 a.m.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts.

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
70	52		

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day Clear Moon phase.

Actual sunshine, hours, 12.5

Possible sunshine, hours, 12.3

Percentage of possible sunshine, 100

Prevailing direction Northwest

Total movement, 141

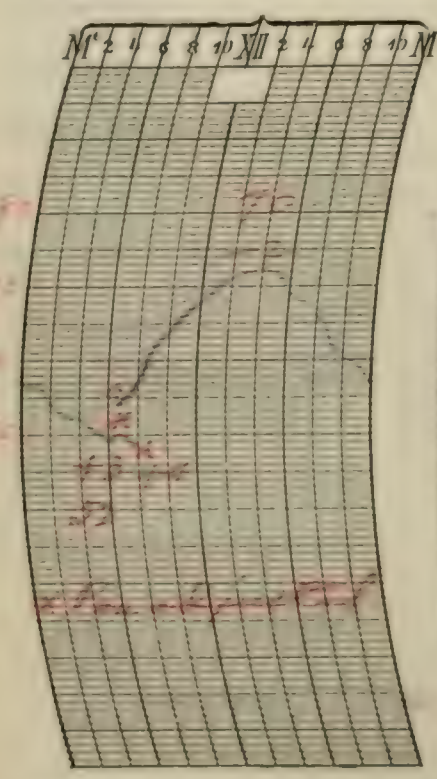
Average hourly velocity, 5.9

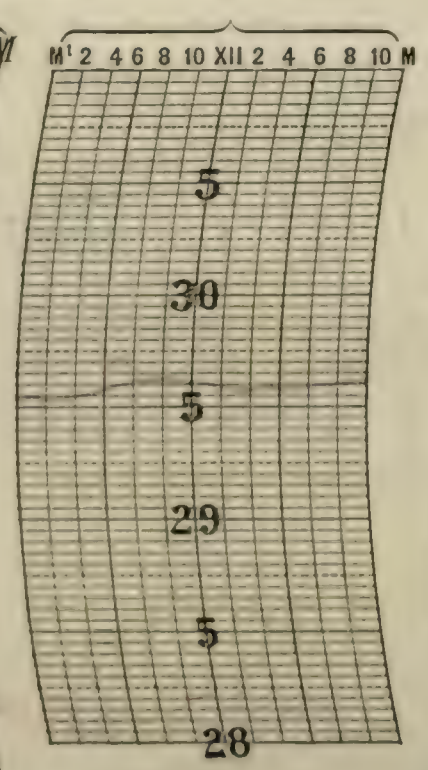
Maximum velocity,	Direction.	Time.
10 Extreme velocity 10	N N	7:16 am 7:16

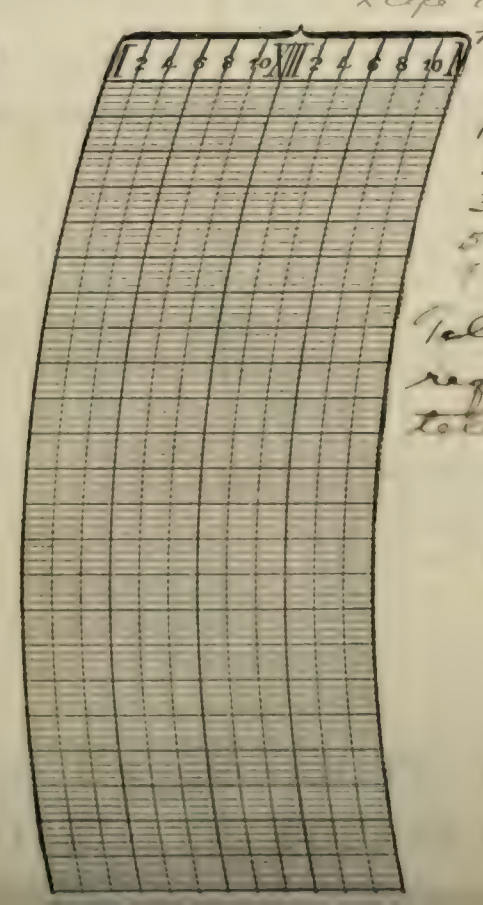
Relative humidity, 91 a. m. p. m.

Reduced barometer, 30.16 a. m. p. m.

River gage 18.2 Rising *







NOTES.

* Readings at other hours than 7 am:
8:30 am 18.4 feet
11:30 am 18.8 feet
1:00 pm 18.9 feet
3:00 pm 19.0 feet
5:00 pm 19.1 feet
7:00 pm 19.1 feet

Telegram received from St. Louis at 11:15 am requesting that our river stage be telegraphed.

Prepared by S. P. P.
Verified by

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Wednesday, (Date) SEP 21 1921, 191

Time (local standard), 90 mer.

1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	54	54	53	51	50	50	52	56	61	67	69	67	68	68	69	69	68	67	66	64	62 R.B 8:15	63	62	61
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																					.01	T	.01	.02
Cloudiness and other conditions										Cloudy														
Sunrise: Time, Character,	5:41 Cloudy																				Sunset: Time, Character, 5:57 Cloudy			
Sunshine (in tenths of hours)						0	0	0.3	1.0	1.0	0.7	0	0	0	0	0	0	0						
Wind direction	E	E	E	E	0	E	E	E	E	E	E	E	SE	SE	E	E	NE	NE	NE	NE	E	E	E	E
Wind movement	1	1	2	1	0	2	3	2	3	6	6	7	6	5	7	6	6	8	5	8	12	11	9	7
Maximum velocities (exceeding 25 miles)																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Maximum.	Minimum.	Mean.	Normal.
69	50	60	63

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, .04 inches.

Character of day, Cloudy (10) Moon phase,

Actual sunshine, hours, 3.0

Possible sunshine, hours, 12.2

Percentage of possible sunshine, 25

Prevailing direction East

Total movement, 124

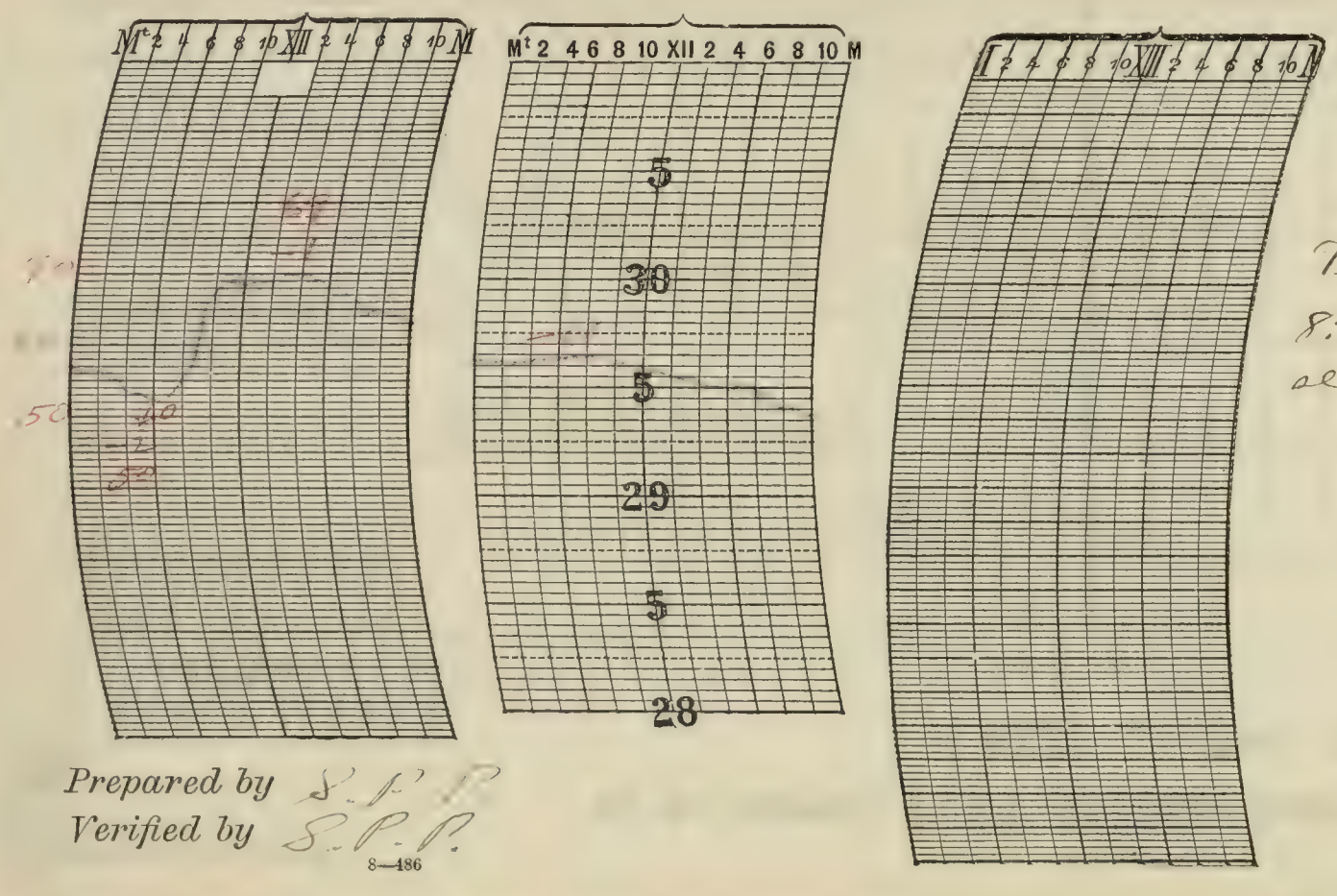
Average hourly velocity, 5.2

Maximum velocity,	Direction,	Time.
16	E	8:23 pm
Extreme velocity 17	E	8:23 pm

Relative humidity, 88 a. m. p. m.

Reduced barometer, 30.19 a. m. p. m.

River gage, 18.5 Falling *



NOTES.

* Readings at other hours than 7 am.
11:00 am 18.1 feet.
1:30 pm 17.9 feet.
5:00 pm 17.5 feet

Telegram received from St Louis at 8:36 am requesting that 7 am river stage be telegraphed.

Prepared by S. P. P.
Verified by S. P. P.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Thursday, (Date) _____, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	59	60	59	58	58	58	58	58	60	62	62	65	66	68	68	69	68	67	65	62	61	57	57	58
State of weather: Nature of precipitation and time of beginning and ending	Rain																							
Amounts of precipitation	.22	.08	.15		.01																			
Cloudiness and other conditions					Cloudy								Partly Cloudy						Clear					
Sunshine (in tenths of hours)						0	0	0	0.2	0.2	0.7	1.0	0.9	1.0	1.0	1.0	0.7 / 0.3	.93 / 0						
Wind direction	SE	SE	NW	N	NE	NE	N	W	W	W	W	W	W	W	W	W	W	W	W	W	0	W	0	0
Wind movement	8	8	4	5	2	1	4	9	11	11	12	15	15	14	12	10	8	5	3	3	0	1	0	0
Maximum velocities (exceeding 25 miles)																								

Sunrise: Time, 5:41 Character, Cloudy

Sunset: Time, 5:56 Character, Clear

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
69	57	63	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .50 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, .46 inches.

Character of day Partly Cloudy Moon phase, _____

Actual sunshine, hours, 7.9

Possible sunshine, hours, 12.2

Percentage of possible sunshine, 65

Prevailing direction Northwest

Total movement, 161

Average hourly velocity, 6.7

Maximum velocity.	Direction.	Time.
19	NW	12:08 pm
Extreme velocity 19	NW	12:08 pm

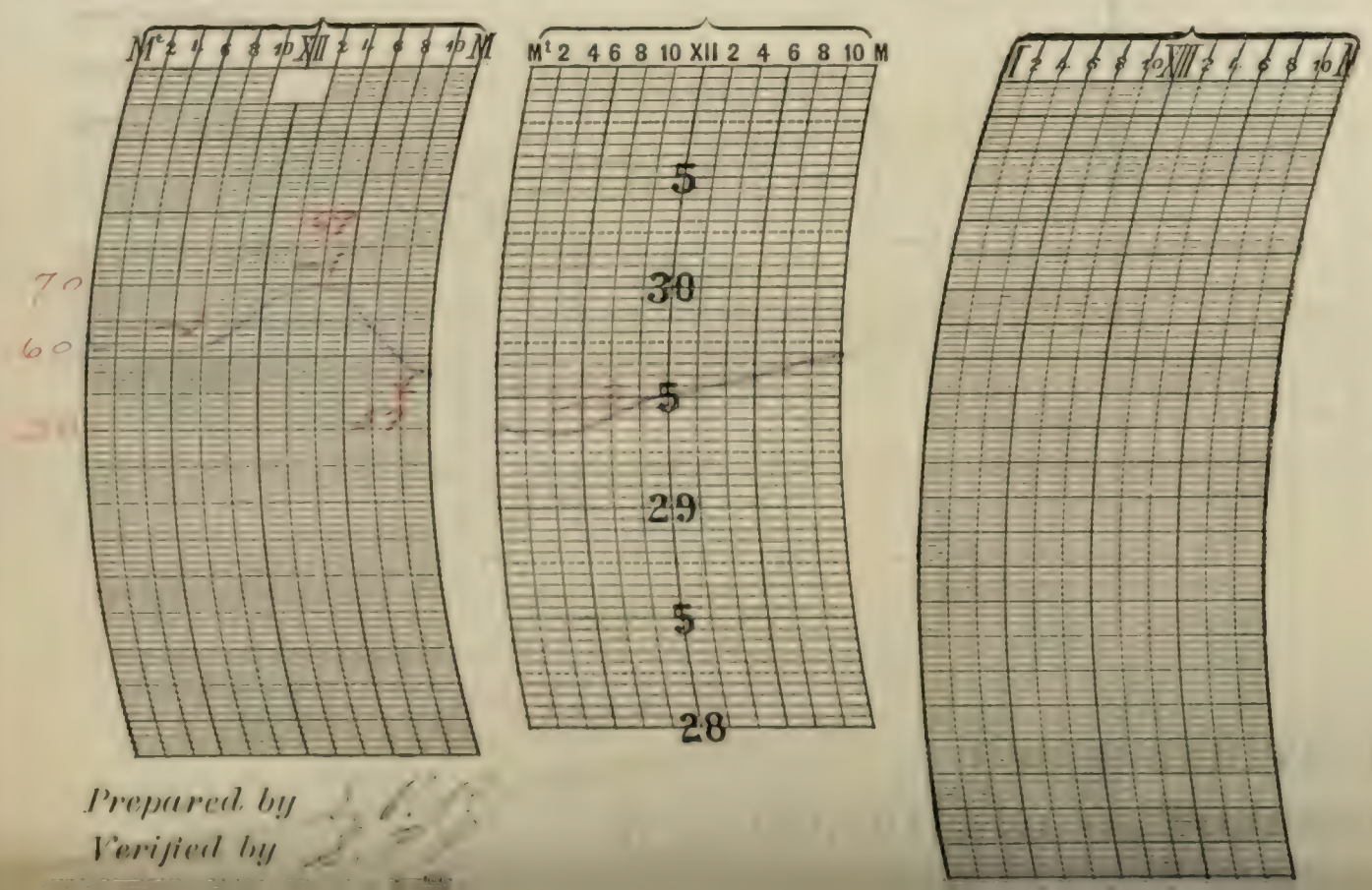
Relative humidity, 97 a. m. _____ p. m.

Reduced barometer, 29.92 a. m. _____ p. m.

River gage, 16.7 Falling 6 pm, 16.4 ft

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

NOTES.



Prepared by

Verified by

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Friday, (Date) APR 22 1911, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	56	54	54	54	52	50	49	56	65	69	71	72
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions		Dense fog			fog		← Clear	← lt fog				
Sunrise: Time, Character	5:43 Foggy											
Sunshine (in tenths of hours)						0	0.4 *	1.0 *	1.0	1.0	1.0	1.0
Wind direction	NW	O	NW	O	NW	NW	NW	NW	NE	NE	SE	SE
Wind movement	1	0	1	0	1	2	1	1	2	4	6	7

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	74	75	75	74	74	72	68	66	64	63	61	57
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions												
Sunset: Time, Character									5:54 Clear			
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	0.7 .90 0.3	0						
Wind direction	SE	S	SE	SE	SE	SE	SE	E	E	E	E	E
Wind movement	7	6	7	7	5	5	5	5	4	4	2	1

Maximum velocities (exceeding ____ miles)

Maximum.	Minimum.	Mean.	Normal.
75	49	62	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear (1) Moon phase, ● 5.3 [illegible]

Actual sunshine, hours, 11.3

Possible sunshine, hours, 12.2

Percentage of possible sunshine, 93

Prevailing direction, Southeast

Total movement, 84

Average hourly velocity, 3.5

Maximum velocity,	Direction,	Time.
9	E	4:12 pm
Extreme 9	E	4:12 pm

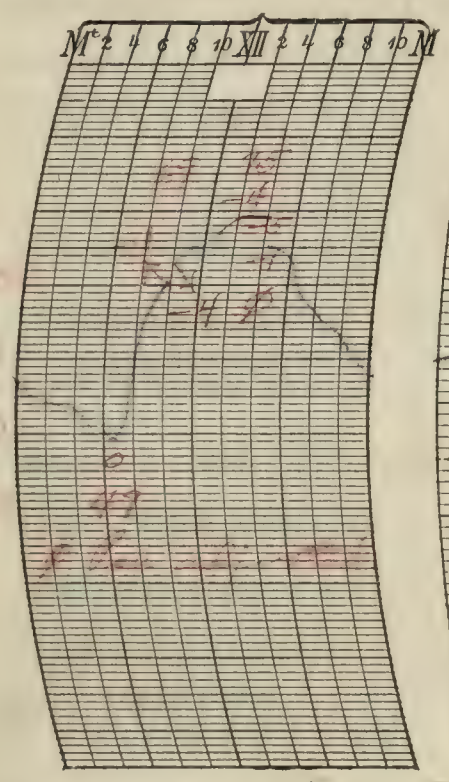
Relative humidity, 100 a. m. ____ p. m.

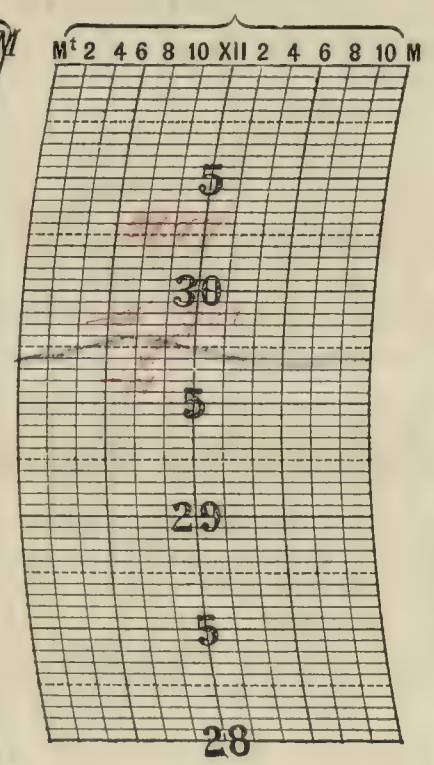
Reduced barometer, 30.36 a. m. ____ p. m.

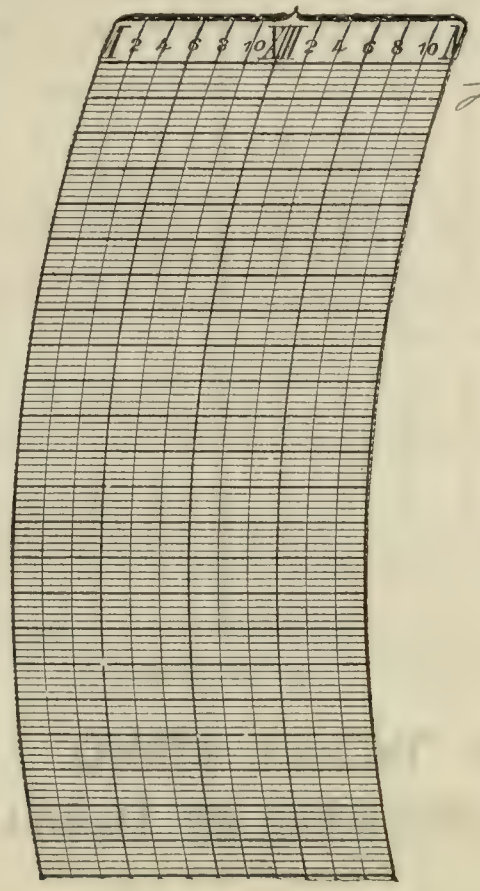
River gage, 16.1 Falling

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

* Sun shining through fog.







NOTES:

Dense fog Dur to 6:35 am.
Lt fog 6:35 am to 9:00 am.

Prepared by S. P. W.
Verified by S. P. P.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Saturday, (Date) APRIL 12, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	57	57	56	55	54	55	55	58	63	69	72	72
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions			Lt fog						Clear			
Sunrise: Time, 5:44 Character, Foggy												
Sunshine (in tenths of hours)						0	✗ 1.0	✗ 1.0	1.0	1.0	1.0	1.0
Wind direction	E	E	E	E	E	SE	SE	SE	S	SW	SW	SW
Wind movement	2	3	2	2	3	4	4	2	5	7	12	11
Maximum velocities (exceeding 25 miles)												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	75	76	77	77	76	74	70	67	67	66	66	66
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions												✗ Clear
Sunset: Time, 5:52 Character, Clear												
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	0.6 0.4	87 0						
Wind direction	SW	SW	S	SW	SW	SW	S	S	SW	S	SW	SW
Wind movement	10	11	11	12	11	4	3	2	4	3	5	6
Maximum velocities (exceeding 25 miles)												

Maximum.	Minimum.	Mean.	Normal.
77	54		

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Actual sunshine, hours, 11.9

Possible sunshine, hours,

Percentage of possible sunshine, 98

Prevailing direction, Southwest

Total movement, 139

Average hourly velocity, 5.8

Maximum velocity,	Direction,	Time.
14	SW	3:15 p.m.
Extreme velocity 15	SW	3:02 p.m.

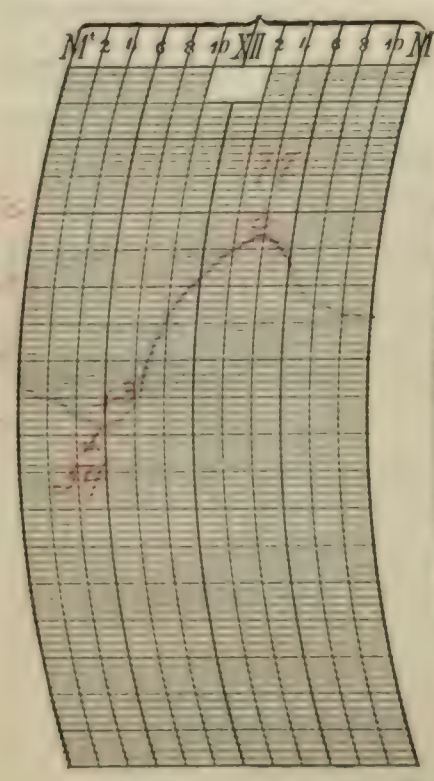
Relative humidity, 94 a. m. ____ p. m.

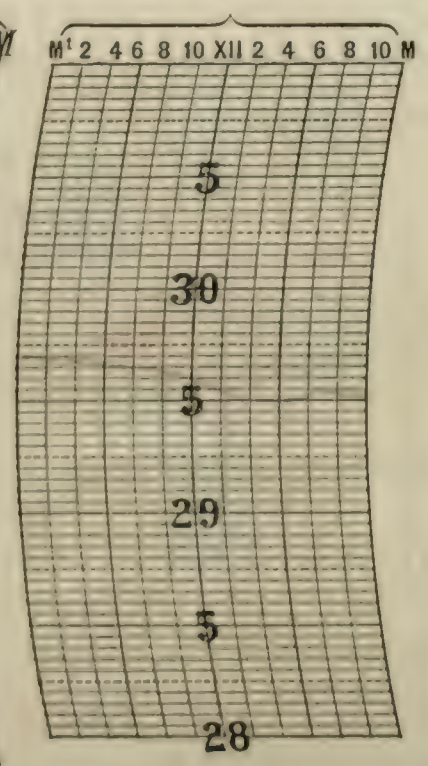
Reduced barometer, 30.20 a. m. ____ p. m.

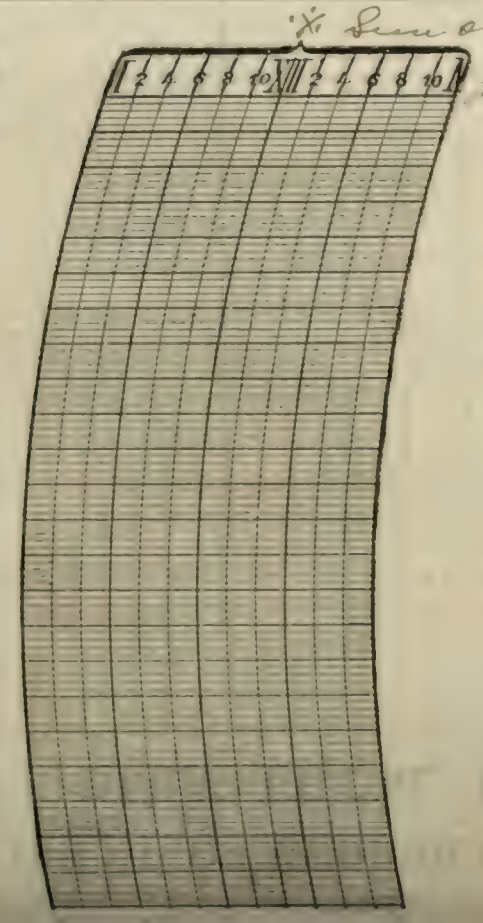
River gage, 15.8 Falling

Excessive precipitation, accumulated amounts.	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.







✗ Sun shining through fog

NOTES.

Light fog Dla to 8 a.m.

Prepared by S. P. S.

Verified by S. P.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Sunday, (Date) SEP 2 1911, 191

Time (local standard), 90 mer.

1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	66	66	66	67	67	66	64	64	65	67	71	71	70	68	65	69	68	67	66	64	64	63	60	60
State of weather: Nature of precipitation and time of beginning and ending							RB 6:00 RE 6:35						RB 12:25		RE 2:45	RB 3:40								
Amounts of precipitation							T						.03	.14	.02	T	.01	.05	.04	.01	.04	.02	.01	
Cloudiness and other conditions										Cloudy														
Sunrise: Time, 5:45 Character, Cloudy																					Sunset: Time, 5:51 Character, Cloudy			
Sunshine (in tenths of hours)						0	0	0	0	0	0.3	0	0	0	0	0	0	0						
Wind direction	SW	SW	SW	SW	SW	SW	E	SE	SE	S	SW	SW	SW	SW	SW	W	SW	SE	SE	E	E	E	NE	NE
Wind movement	5	7	7	9	6	3	5	2	2	2	3	4	8	12	15	5	5	3	2	4	5	6	7	9
Maximum velocities (exceeding 22 miles)																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Maximum.	71
Minimum.	60
Mean.	66
Normal.	6[illegible]

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., T ins.; to 7 p. m., .29 ins.

Total precipitation, midnight to midnight, .34 inches.

Character of day, Cloudy (10) Moon phase,

Actual sunshine, hours, 0.3

Possible sunshine, hours, 12.1

Percentage of possible sunshine, 2

Prevailing direction Southwest

Total movement, 136

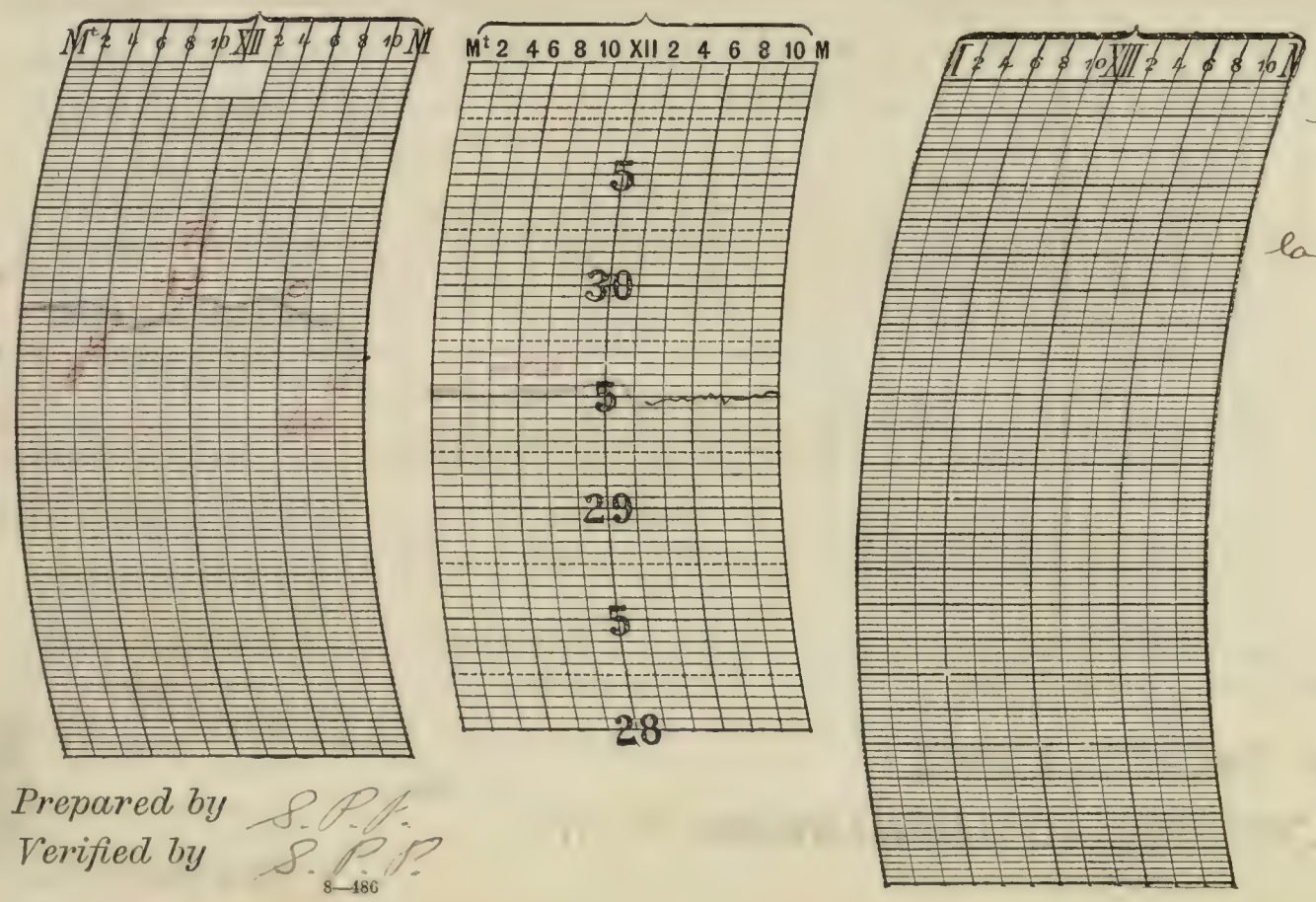
Average hourly velocity, 5.7

Maximum velocity,	Direction,	Time.
22	S	1:50 pm
Extreme velocity 25	S	1:55 pm

Relative humidity, 90 a. m. ____ p. m.

Reduced barometer, 30.05 a. m. ____ p. m.

River gage, 15.4 Falling



NOTES.

Thunderstorm: First heard 2 PM; last heard 6:30 am; storm came from NW.

Thunderstorm: First heard 12:30 pm; last heard next day; storm came from W.

Prepared by S. P. S.

Verified by S. P. S.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Monday, (Date) SEP 25 1911, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	58	58	58	58	58	58	58	56	56	57	58	59
									RE 7:00	RB 9:35		
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation				.01	.01	T	T	T	T	T	T	T
Cloudiness and other conditions									Cloudy			
	Sunrise: Time, 5:46 Character, Cloudy											
Sunshine (in tenths of hours)						0	0	0	0	0	0	0
Wind direction	NE	NE	NE	NE	NE	NE	NE	N	N	NE	NE	NE
Wind movement	7	7	5	4	3	4	5	6	7	6	8	7

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	60	60	61	61	62	59	57	57	57	56	56	56
	RE 12:20				RB 4:20				RE 8:15			
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation	T				T	T	.01	T	T			
Cloudiness and other conditions												
									Sunset: Time, 5:49 Character, Cloudy			
Sunshine (in tenths of hours)	0	0	0	0	0	0						
Wind direction	NE	NE	E	NE	NE	NE	N	NE	NE	NE	NE	NE
Wind movement	8	5	5	8	6	7	8	7	6	5	5	4

Maximum velocities (exceeding 25 miles)

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
62	56	59	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .10 ins.; to 7 p. m., .01 ins.

Total precipitation, midnight to midnight, .03 inches.

Character of day, Cloudy (10) Moon phase,

Actual sunshine, hours, 0

Possible sunshine, hours, 12.0

Percentage of possible sunshine, 0

Prevailing direction, Northeast

Total movement, 143

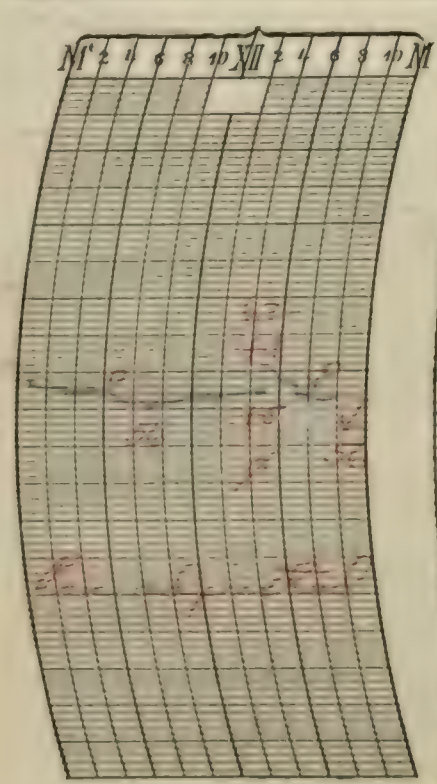
Average hourly velocity, 6.0

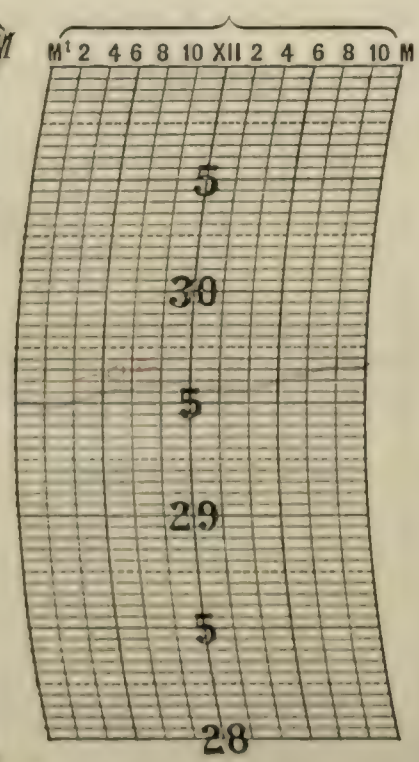
	Maximum velocity,	Direction,	Time.
	13	N	5:55 pm
Extreme velocity	13	N	5:55 pm

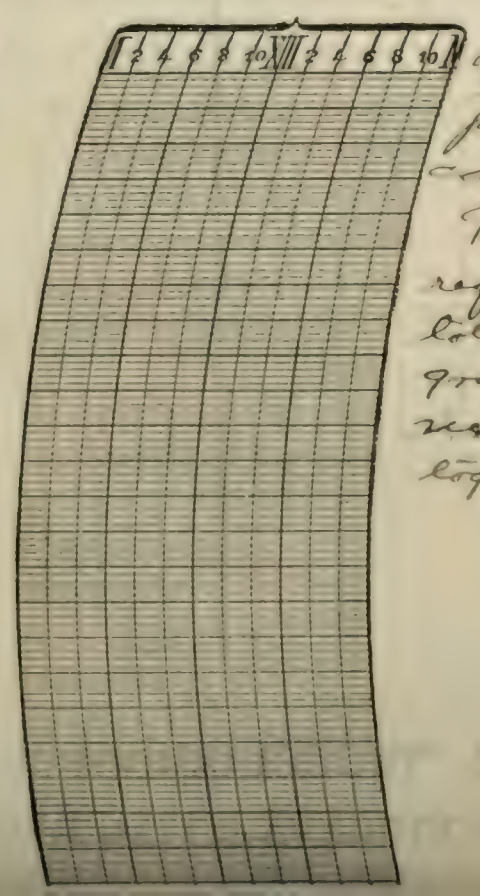
Relative humidity, 99 a. m. p. m.

Reduced barometer, 30.11 a. m. p. m.

River gage, 15.3 Falling 1:50 pm







NOTES.

Thunderstorm: First thunder heard preceding day; last heard date. Storm came from W.

Telegram received from St. Louis at 1:40 pm requesting that noon river reading and total rain since 7 am Sunday be telegraphed. No noon reading having been made, the reading at 1:50 pm was sent together with other data requested.

Prepared by S. C. F.

Verified by

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Tuesday, (Date) SEP 26 1911, 191

Time (local standard), 90 mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	55	55	54	54	53	53	54	54	55	56	58	60
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Cloudy							PT	Cldy			
Sunrise: Time, Character,	5:47 Clear											
Sunshine (in tenths of hours)						.22 0	.07 0	0.5	0.7	0.8	0.8	1.0
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	NE	E	E	E
Wind movement	4	4	5	6	6	6	5	8	6	6	7	9

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	63	65	65	65	65	64	64	63	64	64	64	60
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions			Cldy				PtCldy		Clear			
Sunset: Time, Character,									5:47 Clear			
Sunshine (in tenths of hours)	0.9	0.9	0.9	0.8	0.8	.73 0						
Wind direction	E	E	SE	SE	SE	SE	SE	SE	SE	S	SW	SW
Wind movement	8	8	9	8	6	6	5	6	5	5	7	11

Maximum velocities (exceeding 25 miles)

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
66	53	60	60

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., T ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, PtCldy (7) Moon phase,

Actual sunshine, hours, 9.8

Possible sunshine, hours, 12.0

Percentage of possible sunshine, 82

Prevailing direction Northeast

Total movement, 156

Average hourly velocity, 6.5

	Maximum velocity,	Direction,	Time.
	14	SW	11:51 pm
Extreme velocity	16	SW	11:51 pm

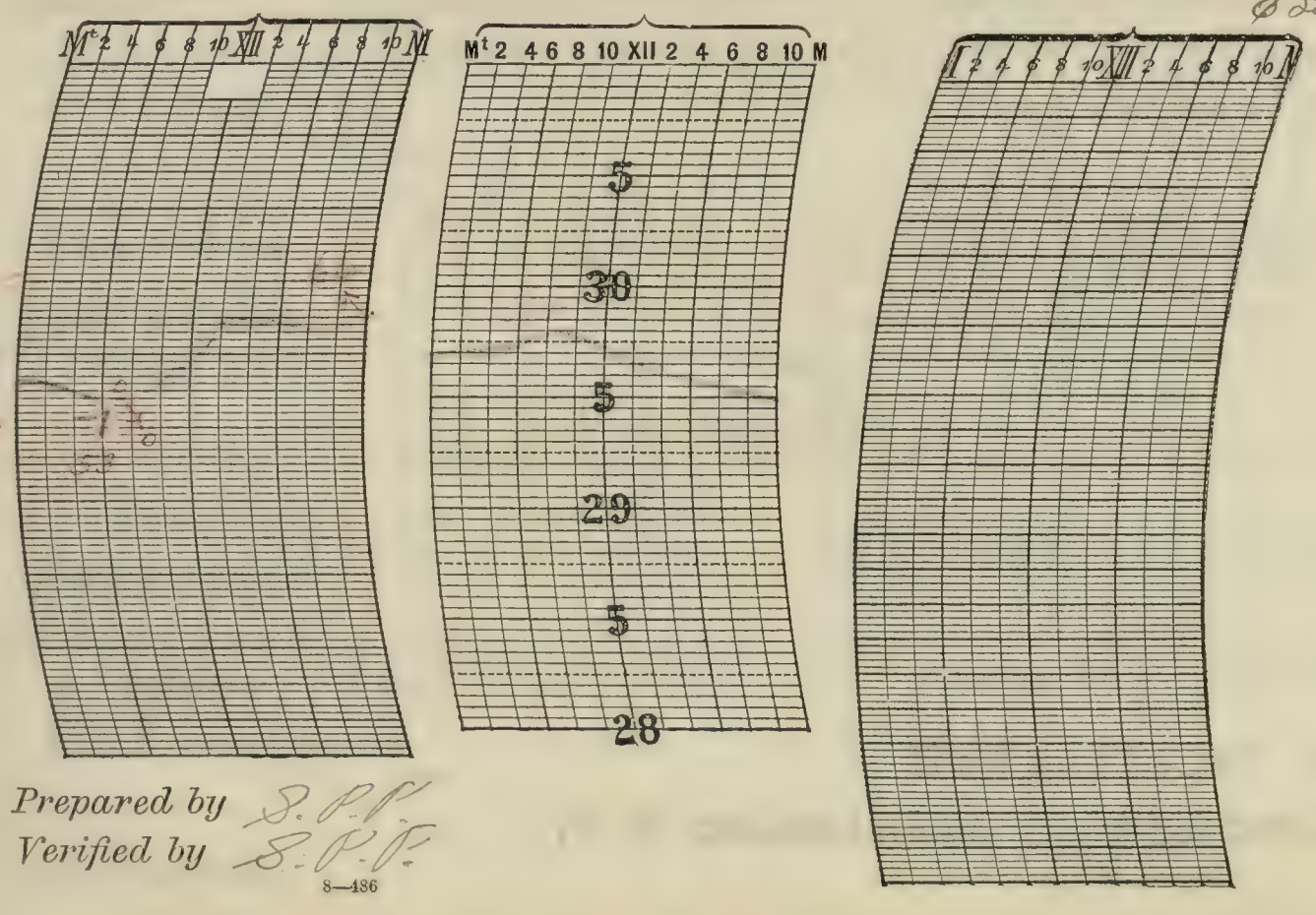
Relative humidity, 85 a. m. p. m.

Reduced barometer, 30.33 a. m. p. m.

River gage, 15.7 Rising

Sun shining through Clouds

NOTES.



Prepared by S. P. V.

Verified by S. P. V.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) LABATE, MI, (Day of week) Wednesday, (Date) SEP 9 1931, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	66	66	66	67	68	69	72	73	72	73	76	78
State of weather: Nature of precipitation and time of beginning and ending							RB 6:05 RE 6:10	RB 7:03 RE 7:06	RB 8:02 RE 8:24			
Amounts of precipitation							T	T	.07			
Cloudiness and other conditions				Cloudy								
Sunrise: Time, Character	5:48 Cloudy											
Sunshine (in tenths of hours)						0	0	0	0	0.7	0.4	0.3
Wind direction	SW	SW	SW	SW	SW	SW	SW	W	SW	SW	SW	W
Wind movement	11	14	15	15	14	14	17	12	11	11	13	8

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	81	82	82	82	82	80	76	74	71	67	65	67
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions				X-PCX-Clear								
Sunset: Time, Character									5:45			
Sunshine (in tenths of hours)	0.8	0.5	0	0.2	1.0	.75 0						
Wind direction	W	W	W	W	W	W	N	N	N	N	E	E
Wind movement	8	7	5	4	4	3	7	7	5	6	7	7

Maximum velocities (exceeding 25 miles)

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
82	66	74	[illegible]

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., T ins.; to 7 p. m., .07 ins.

Total precipitation, midnight to midnight, .07 inches.

Character of day, Pt Cldy (6) Moon phase,

Actual sunshine, hours, 4.6

Possible sunshine, hours, 12.0

Percentage of possible sunshine, 38

Prevailing direction, Southwest

Total movement, 225

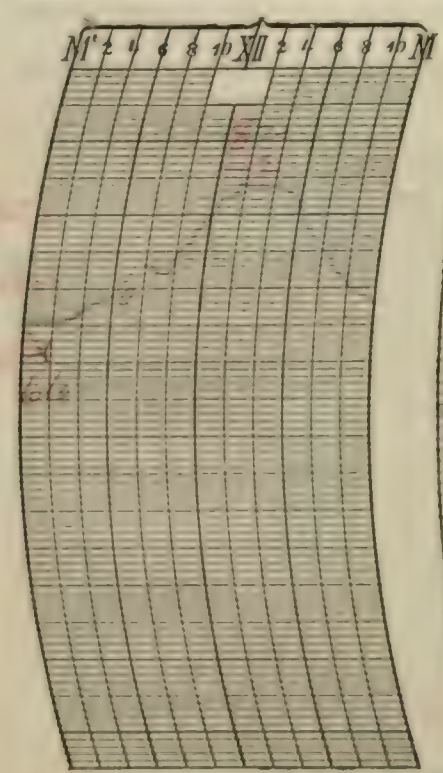
Average hourly velocity, 9.4

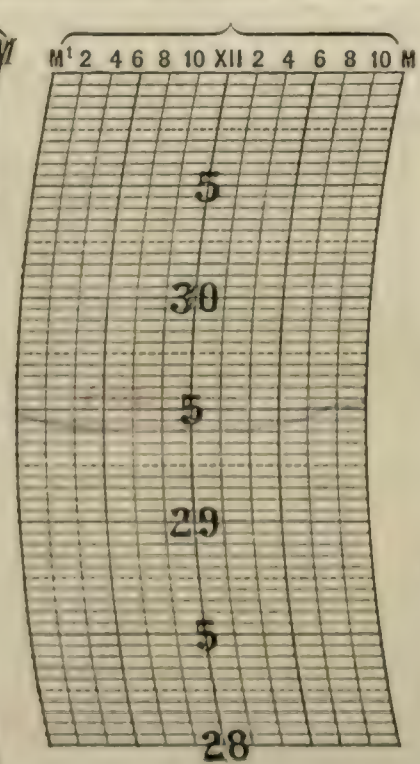
Maximum velocity,	Direction,	Time
20	SW	6:17 a.m.
Extreme velocity 22	SW	6:17 a.m.

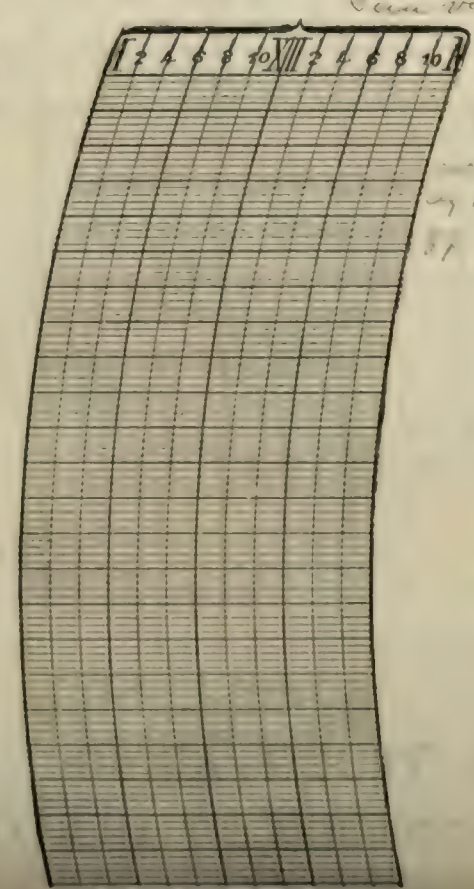
Relative humidity, 86 a. m. p. m.

Reduced barometer, 29.96 a. m. p. m.

River gage, 15.9 Rising







Sun visible through clouds

NOTES.

Thunderstorm: First heard 7:39 a; last heard 8:36 a; storm came from NW.

Prepared by S. P. L.

Verified by S. P. L.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Thursday, (Date) SEP 28 1911, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	66	64	63	63	62	61	58	57	57	58	59	60
State of weather: Nature of precipitation and time of beginning and ending				RB	DHa						RE 10:15	
Amounts of precipitation						.02	.02	.01	T	T	T	
Cloudiness and other conditions							Cloudy					
Sunrise: Time, 5:50 Character, Cloudy												
Sunshine (in tenths of hours)						0	0	0	0	0	0	0
Wind direction	NE	NE	NE	NE	NE	E	E	NE	NE	E	E	E
Wind movement	8	10	10	10	10	5	11	10	9	12	13	11

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	61	64	68	68	70	70	71	72	72	71	70	70
State of weather: Nature of precipitation and time of beginning and ending			RB 2:30		RE 4:00			RB RE 7:45		DH		
Amounts of precipitation			.06	.09	T			T	.28	.81	.25	
Cloudiness and other conditions												
Sunset: Time, 5:44 Character, Cloudy												
Sunshine (in tenths of hours)	0	0	0	0	0	0						
Wind direction	E	SE	SE	SE	SE	SE	S	S	SW	SE	SW	SW
Wind movement	10	10	7	6	5	6	7	11	7	6	6	3

Maximum velocities (exceeding 20 miles)

Maximum.	Minimum.	Mean.	Normal.
72	57	64	60

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .03 ins.; to 7 p. m., .17 ins.

Total precipitation, midnight to midnight, .54 inches.

Character of day, Cloudy (10) Moon phase,

Actual sunshine, hours, 0

Possible sunshine, hours, 11.9

Percentage of possible sunshine, 0

Prevailing direction, Northeast

Total movement, 203

Average hourly velocity, 8.5

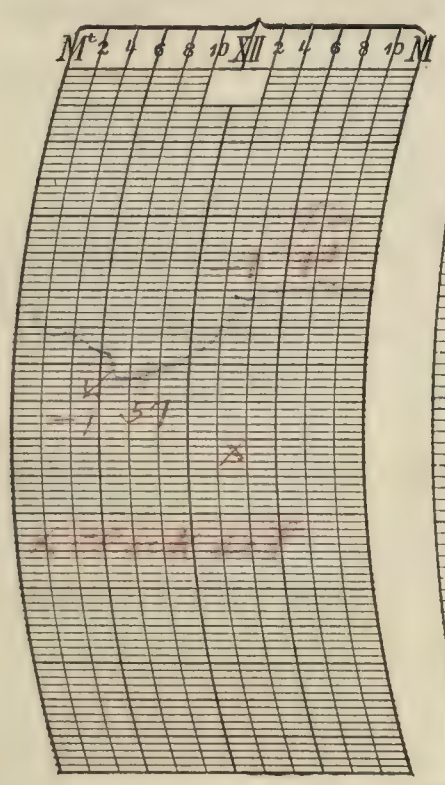
Maximum velocity,	Direction,	Time.
22	SW	8:55 pm
Extreme velocity 25	SW	8:56 pm

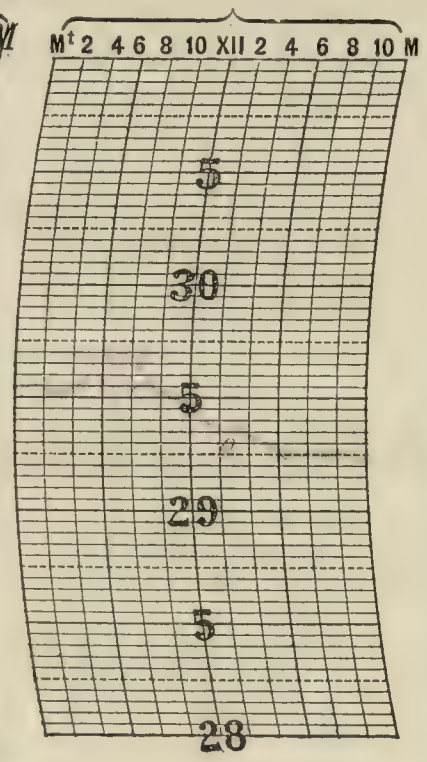
Relative humidity, 91 a. m. p. m.

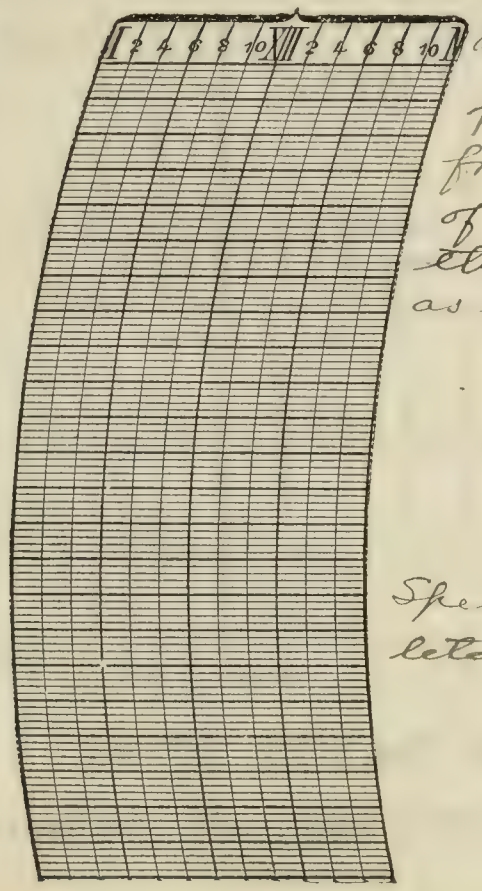
Reduced barometer, 30.11 a. m. p. m.

River gage, 15.9 On Stand

	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts	7:45p	DHp	1.34	9:24p	10:04p	.32	.18	.31	.33	.34	.34	.52	.71	1.00	~~1.01~~					







NOTES.

Thunderstorm: First thunder heard at 7:30 pm; last heard DHp. Storm came from southwest. Very vivid display of lightning and heavy thunder attended the storm. Excessive precipitation occurred as indicated in above table.

Special observation was taken at 3:00 pm and telegraphed to Washington. Pressure fell [illegible]

Prepared by S. F. [illegible]

Verified by R. P. [illegible]

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Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Friday, (Date) SEP 8 1911, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	70	69	65	62	58	57	56	55	60	64	65	68	68	67	67	66	63	59	57	56	53	52	51	49
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions								Clear									Partly cloudy			Mostly cloudy			Clear	
Sunrise: Time, Character, 5:51 Clear																					Sunset: Time, Character, 5:42 Clear			
Sunshine (in tenths of hours)						1.5 0	1.5 0	1.0	1.0	1.0	1.0	1.0	0.8	0.9	0.9	0.8	0.8	1.5 0						
Wind direction	W	NW	NW	NW	W	W	W	W	NW	NW	NW	NW	NW	W	NW	NW	N	N	N	NE	NE	NE	NE	NE
Wind movement	05	11	13	7	5	4	5	9	14	14	15	16	13	13	14	13	15	9	6	9	8	5	8	3
Maximum velocities (exceeding 2nd miles)																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
70	49	60	59

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 1.34 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear (2) Moon phase,

Actual sunshine, hours, 11.0

Possible sunshine, hours, 11.8

Percentage of possible sunshine, 93

Prevailing direction, Northwest

Total movement, 224

Average hourly velocity, 9.3

Maximum velocity,	Direction,	Time
19 Extreme 20	W	11:48 am 11:03 am

Relative humidity, 85 a. m. p. m.

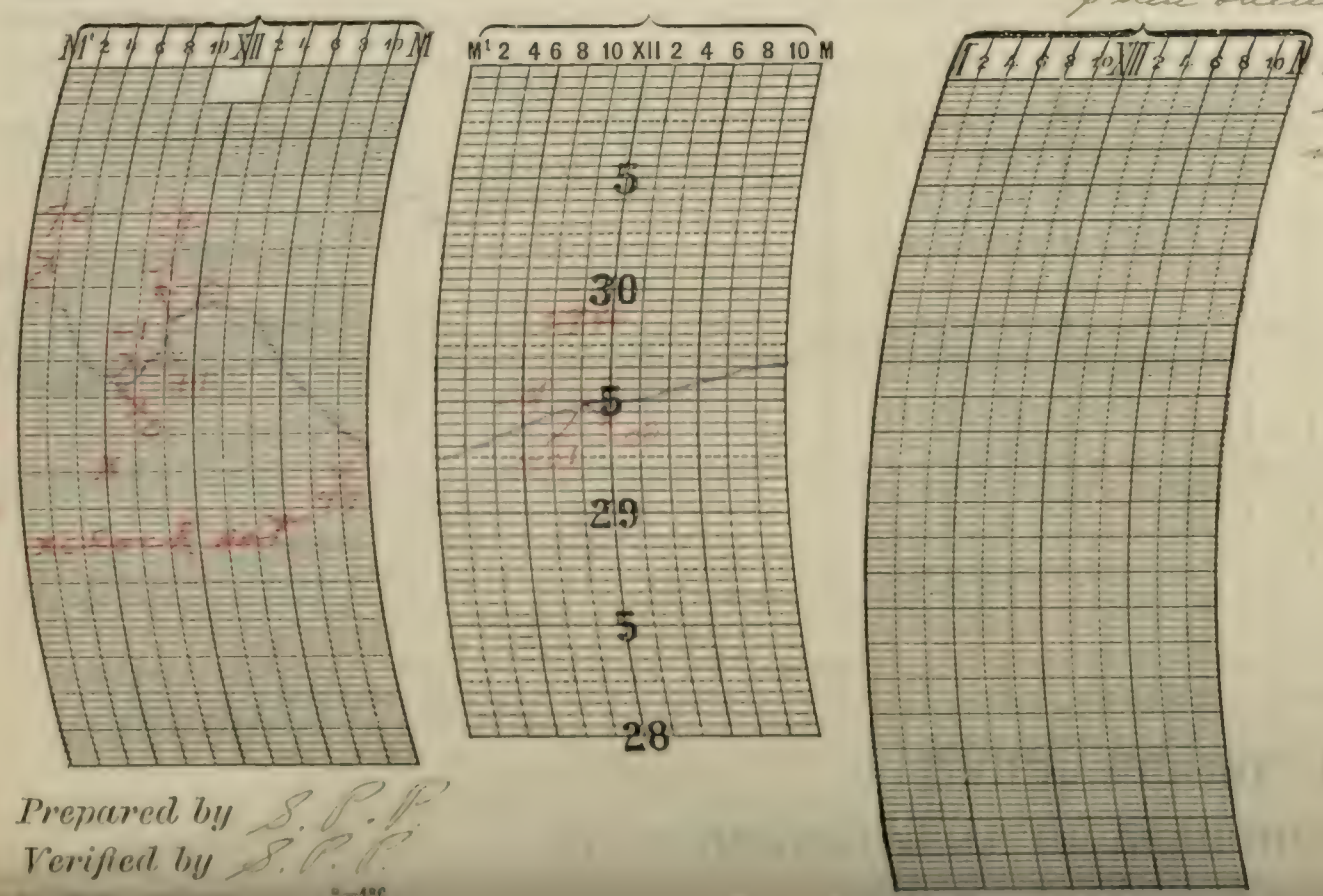
Reduced barometer, 29.99 a. m. p. m.

River gage, 16.6 Rising

Dense skimming through clouds.

NOTES.

River stage & precipitation for past 24 hours was telegraphed to St. Louis at 7 am this morning.



Prepared by S. P. F.

Verified by S. P. F.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) _____, (Day of week) Saturday, (Date) _____ 3 _____, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	47	47	46	45	44	43	44	46	48	52	54	55	57	58	59	59	59	59	59	58	56	56	56	57
State of weather: Nature of precipitation and time of beginning and ending																				RB 7:45				
Amounts of precipitation																				.03	.01	.01		
Cloudiness and other conditions				Pt Cldy			x	Cloudy																
Sunrise: Time, 5:52 Character, Clear																					Sunset: Time, 5:40 Character, Cloudy			
Sunshine (in tenths of hours)						0.3 0	0.9 0	0	0	0	0	0	0	0	0	0	0	0						
Wind direction	NE	NE	NE	NE	NE	NE	NE	E	E	SE	SE	SE	SE	SE	SE	SE	SE	SE	E	E	E	E	E	E
Wind movement	3	3	2	1	3	4	5	5	7	10	10	8	8	9	9	10	8	10	8	7	9	11	8	9
Maximum velocities (exceeding 25 miles)																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

	Maximum.	Minimum.	Mean.	Normal.
	59	43	51	55

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, .05 inches.

Character of day, Cloudy (P) Moon phase, ☽ 5:08 am

Actual sunshine, hours, 1.0

Possible sunshine, hours, 11.8

Percentage of possible sunshine, 8

Prevailing direction, Southeast

Total movement, 167

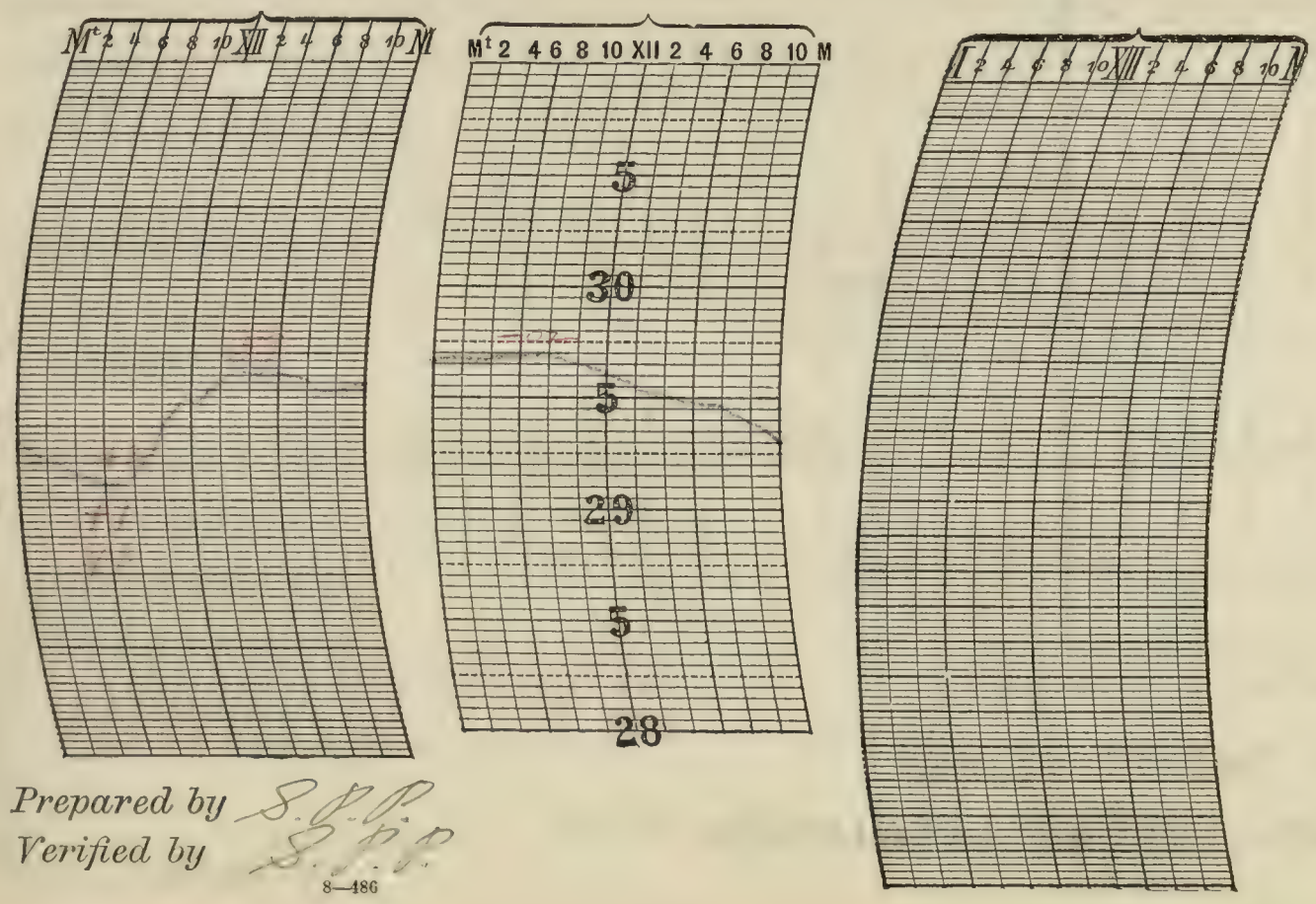
Average hourly velocity, 7.0

Maximum velocity,	Direction,	Time.
12	E	9:27 pm
Estimated 12 velocity	E	9:27 pm

Relative humidity, 93 a. m. _____ p. m.

Reduced barometer, 30.24 a. m. _____ p. m.

River gage, 17.2 Rising



NOTES.

Prepared by S. P. P.
Verified by S. P. P.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Sunday, (Date) OCT 1 1911, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	57	58	60	64	64	65	66	66 RE 7:05	67	69	69	68
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation	.02		.02	.02	.04	.22	.06	T				
Cloudiness and other conditions			Cloudy						RX		Cloudy	
Sunrise: Time, Character, 5:53 Cloudy												
Sunshine (in tenths of hours)						0	0	0	0.1	0	0	0
Wind direction	SE	SE	S	SW	SW	SW	SW	W	W	W	W	W
Wind movement	10	5	7	8	8	10	7	6	8	10	10	9

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	66	65	65	65 RB 3:25	63	60	58 RE 6:22	57 RB 7:30	57	57	57	56
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation				T	T	.01	T	T	.06	T	.01	
Cloudiness and other conditions					Cloudy							
Sunset: Time, Character, 5:38 Cloudy												
Sunshine (in tenths of hours)	0	0	0	0	0	0						
Wind direction	NW	W	W	NE	NE	NE	NE	NE	NE	E	NE	NE
Wind movement	9	7	5	5	11	12	10	11	9	9	9	9

Maximum velocities (exceeding 25 miles)

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

	Maximum.	Minimum.	Mean.	Normal.
	69	56	62	65

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches

Precipitation to 7 a. m., .42 ins.; to 7 p. m., .02 ins.

Total precipitation, midnight to midnight, .46 inches.

Character of day: Cloudy (C) Moon phase

Actual sunshine, hours, 0.1

Possible sunshine, hours, 11.8

Percentage of possible sunshine, 1

Prevailing direction, Northeast

Total movement, 204

Average hourly velocity, 8.5

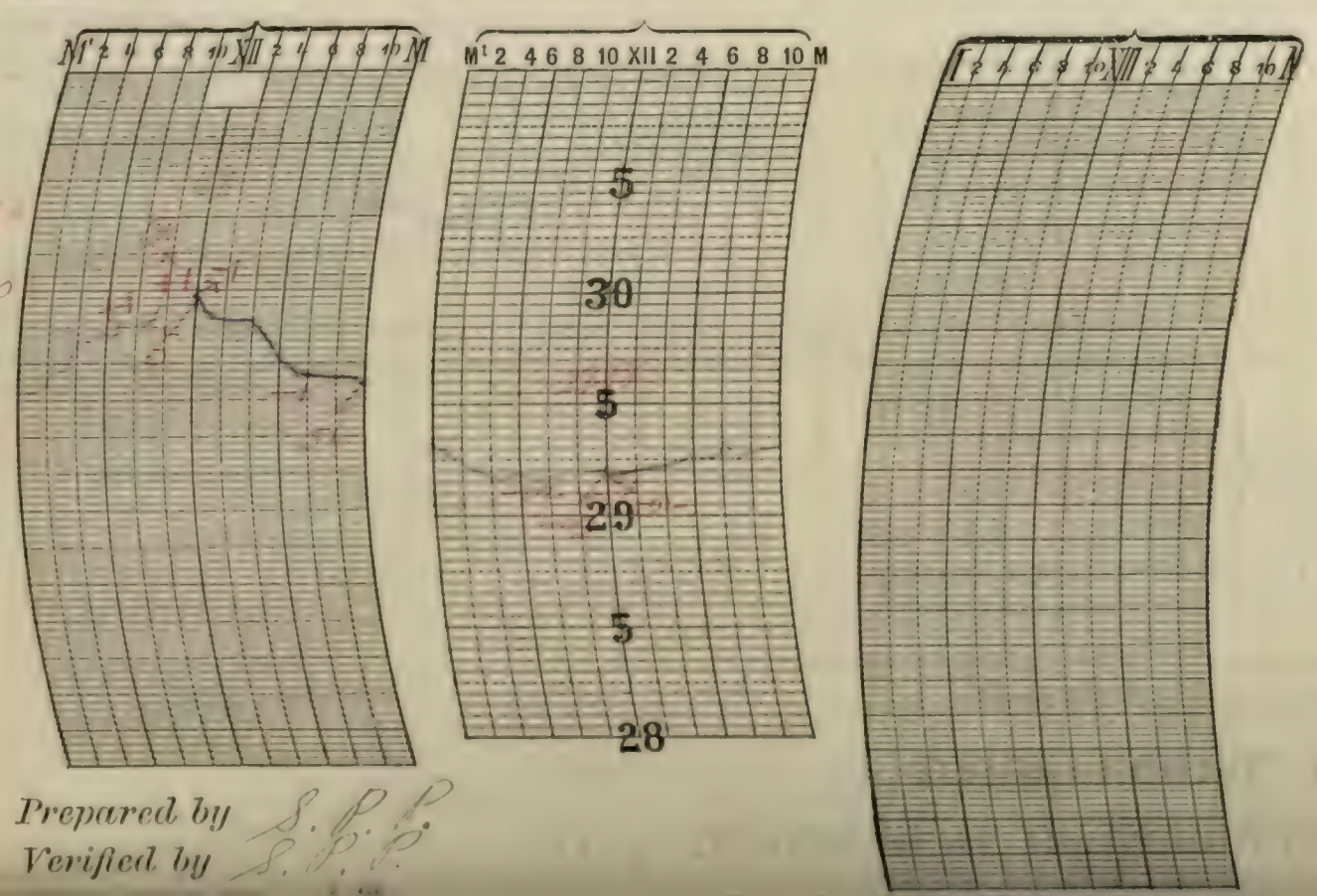
	Maximum. velocity,	Direction,	Time
	15	NE	4:57 p.m.
Extreme velocity	15	NE	4:57 p.m.

Relative humidity, 97 a. m. p. m.

Reduced barometer, 28.28 a. m. p. m.

River gage, 17.3 Rising; 3:00 p.m., 17.4

NOTES.



Prepared by S. P. P.

Verified by S. P. P.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Monday, (Date) OCT 8 191, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	56	55	54	54	54	54	54	54	55	55	56	56
			RE	Ha						RB 9:15	RE 10:35	
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation	.01	.01								T	T	
Cloudiness and other conditions											Cloudy	
Sunrise: Time, 5:54 Character, Cloudy												
Sunshine (in tenths of hours)						0	0	0	0	0	0	0
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE
Wind movement	9	10	12	12	12	10	8	11	10	10	10	12

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	58	58	58	55	57	56	56	56	56	56	56	56
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Cloudy							Hazy visibility X P.C.X	Cloudy			
Sunset: Time, 5:37 Character, Cloudy												
Sunshine (in tenths of hours)	0	0	0	0	0	0						
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	E	E	E	E
Wind movement	13	13	13	12	10	9	8	10	10	8	8	12

Maximum velocities (exceeding 25 miles)

	Maximum.	Minimum.	Mean.	Normal.
	58	54	55	55

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .09 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, .02 inches.

Character of day, Cloudy (10) Moon phase,

Actual sunshine, hours, 0

Possible sunshine, hours, 11.7

Percentage of possible sunshine, 0

Prevailing direction, Northeast

Total movement, 252

Average hourly velocity, 10.5

Maximum velocity,	Direction,	Time.
16	NE	1:42 pm
Extreme velocity 17	NE	1:41 pm

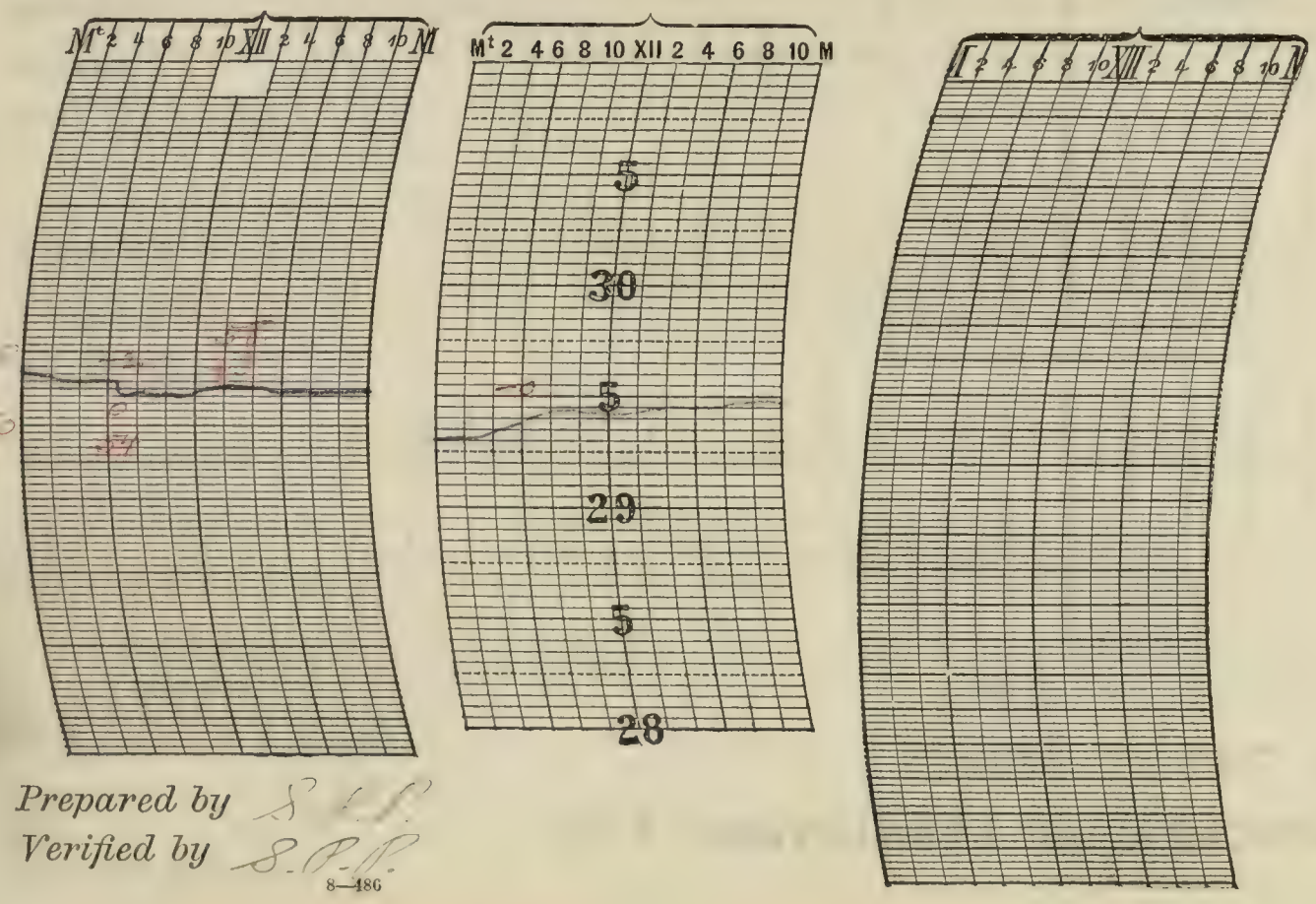
Relative humidity, 91 a. m. ____ p. m.

Reduced barometer, 29.96 a. m. ____ p. m.

River gage, 17.6 Rising {1:30 pm, 17.9; 5:30 pm, 18}

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.



NOTES.

Prepared by S. C. C.

Verified by S. P. P.

8—486

Form No. 1011—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) LA SALLE, Ill. (Day of week) Tuesday (Date) OCT 10 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	55	55	55	55	54	55	55	54	54	60	68	74
		RB	DNa								RE 10:05	
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation						T	T	T	T	T	T	
Cloudiness and other conditions			Cloudy									×PC
Sunrise: Time, Character,	5:55 Cloudy											
Sunshine (in tenths of hours)						0	0	0	0	0	0	0.9
Wind direction	E	E	E	E	E	SE	SE	SE	SE	SE	S	SW
Wind movement	11	11	13	11	11	9	8	7	7	6	9	13
Maximum velocities (exceeding 25 miles)												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	79	82	84	84	83	82	74	74	74	[illegible]	67	[illegible]
						RB 5:13 RE 5:17	RB 6:21	RE 7:35				
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation						T	.46	.01				
Cloudiness and other conditions			×Clear		×Cloudy			×Cloudy	Moon visible at intervals			
Sunset: Time, Character,									5:35 Cloudy			
Sunshine (in tenths of hours)	1.0	1.0	1.0	0.6	0	0						
Wind direction	SW	SW	SW	SW	SW	SW	SW	W	SW	W	W	W
Wind movement	18	21	21	22	18	17	14	10	12	1	11	1
Maximum velocities (exceeding 25 miles)			2:58 SW 26	3:35 SW 25								

	Maximum.	Minimum.	Mean.	Normal.
	85	54	74	57

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., T ins; to 7 p. m., .46 ins.

Total precipitation, midnight to midnight, .47 inches

Character of day, Cloudy Moon phase,

Actual sunshine, hours, 4.5

Possible sunshine, hours, 11.7

Percentage of possible sunshine, 38

Prevailing direction, Southwest

Total movement, 302

Average hourly velocity, 12.6

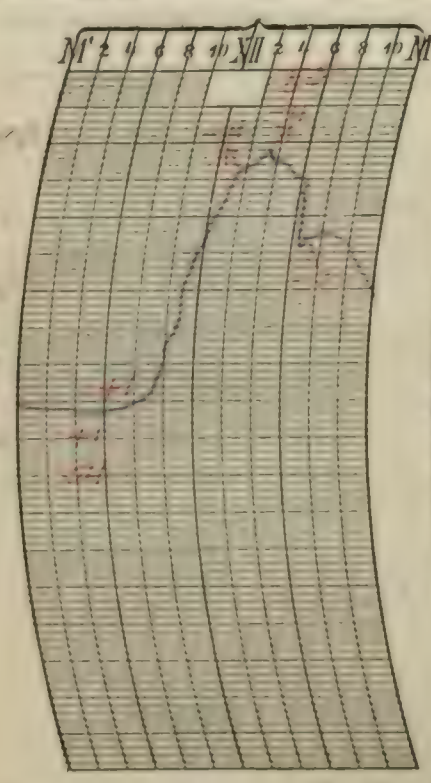
	Maximum. velocity,	Direction,	Time
	26	SW	2:58 pm
Extreme velocity	29	SW	3:00 p

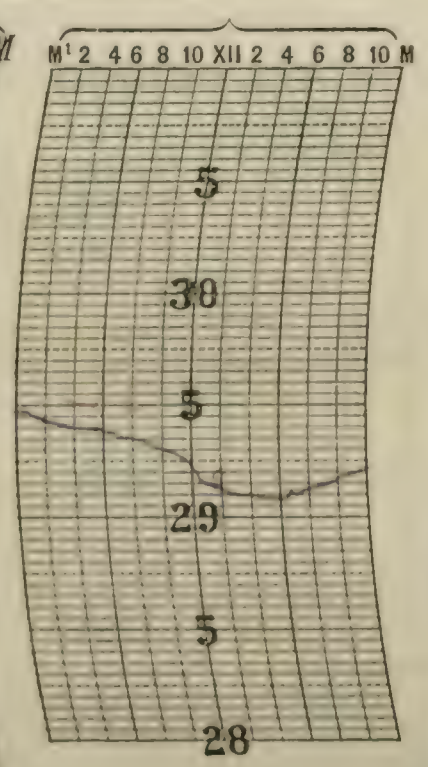
Relative humidity, 94 a. m. p. m.

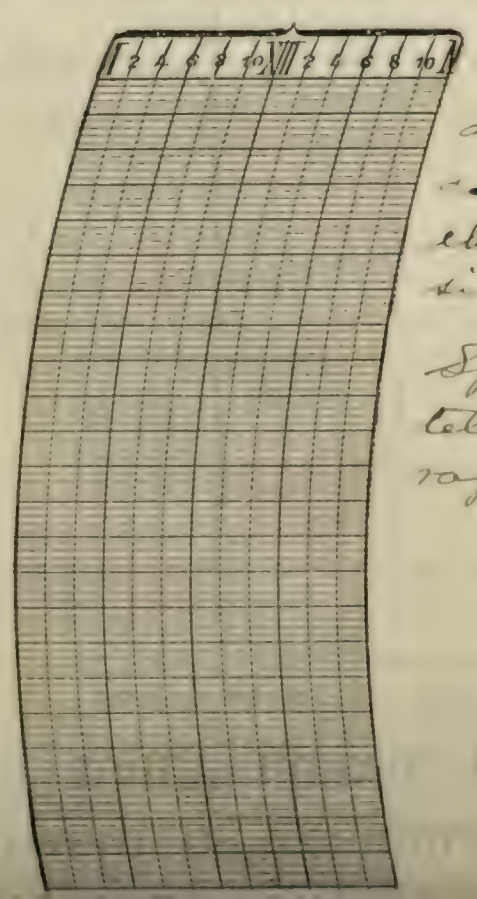
Reduced barometer, [illegible] a. m. p. m.

River gage, 18.3 rising { 1:30 pm, 18 / 6:00 pm, 18 }

Excessive precipitation, accumulated amounts.	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
	6:21p	7:38p	.47	6:39p	6:53p	.01	.11	.32	.45											







NOTES.

Thunderstorm: First thunder heard at 6:14 pm; last heard at 7:45 pm; storm came from SW. Vivid lightning and heavy thunder attended this storm, also excessive precipitation tabulated above.

Special observation taken at 8:40 pm and telegraphed to Washington. Pressure fell rapidly.

Prepared by

Verified by

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA GRANGE, FLA., *(Day of week)* Wednesday, *(Date)* OCT 4 1911, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	65	64	62	60	58	55	55	56	57	58	59	61
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions											Clear	
Sunrise: Time, Character,	5:56 Clear											
Sunshine (in tenths of hours)						.07 0	1.0 0	0.1 0.9	1.0	1.0	1.0	1.0
Wind direction	SW	SW	W	W	W	W	W	W	W	W	W	W
Wind movement	8	9	11	9	13	16	13	19	20	19	19	20
Maximum velocities (exceeding 25 miles)								7:13 W 25				

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	63	63	64	63	62	59	56	54	53	52	50	47
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions								Moon visible				
Sunset: Time, Character,									5:34 Clear			
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	.4 0.6	.57 0						
Wind direction	NW	W	W	W	NW	W	W	W	W	NW	NW	N
Wind movement	21	21	19	18	15	10	5	5	4	7	6	6
Maximum velocities (exceeding 25 miles)	12:21 NW 25	1:14 NW 26										

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

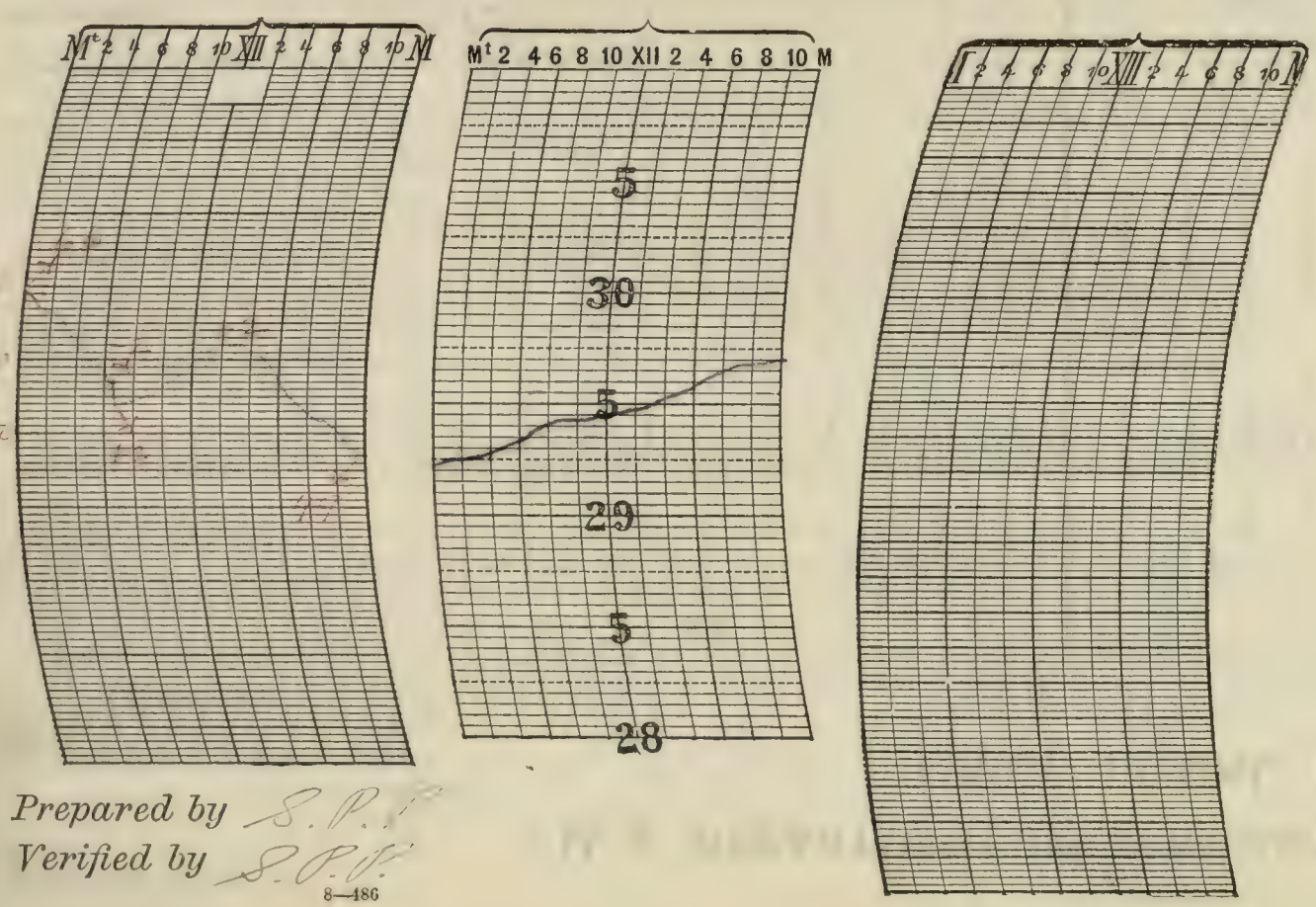
Maximum.	Minimum.	Mean.	Normal.
66	49	58	57

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .01 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Actual sunshine, hours, 11.6
Possible sunshine, hours, 11.6
Percentage of possible sunshine, 100
Prevailing direction West
Total movement, 313
Average hourly velocity, 13.0

Maximum velocity,	Direction,	Time.
26	NW	1:14 pm
Extreme velocity 28	NW	1:13 pm

Relative humidity, 71 a. m. ____ p. m.
Reduced barometer, 29.94 a. m. ____ p. m.
River gage, 18.9, rising { 12:00 M. 19.1 5 p. m. [illegible]

NOTES.



Prepared by S. P. T.
Verified by S. P. V.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) LA SALLE ILL, (Day of week) [illegible], (Date) OCT 5 1911 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	48	47	46	46	44	43	44	45	49	55	55	55
Nature of precipitation and time of beginning and ending												RB 11:23
Amounts of precipitation												T
Cloudiness and other conditions						Pt cldy			× Cloudy			
Sunrise: Time, Character	5:57 Clear											
Sunshine (in tenths of hours)						.05 0	1.0 0	× 0.4	0.1	0	0	0
Wind direction	N	N	N	NE	NE	NE	NE	NE	E	SE	SE	S
Wind movement	6	4	3	4	4	4	5	7	6	6	7	5

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	53	53	52	53	53	53	53	53	54	54	53	55
Nature of precipitation and time of beginning and ending			RE 2:12	RB 3:36	RE 4:07							
Amounts of precipitation	.03	.13	T	.01	T							
Cloudiness and other conditions	Cloudy								Mostly cloudy intervals × Pt cldy			
Sunset: Time, Character										5:32 Cloudy		
Sunshine (in tenths of hours)	0	0	0	0	0	0						
Wind direction	E	SE	SE	E	E	E	E	E	E	SE	SE	SE
Wind movement	6	5	8	7	7	8	7	10	7	10	8	7

× Eye observation

Maximum.	Minimum.	Mean.	Normal.
55	43	[illegible]	[illegible]

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches

Precipitation to 7 a. m., 0 ins.; to 7 p. m., .17 ins.

Total precipitation, midnight to midnight, .17 inches.

Character of day: Clr. Cdy. Mean phase.

Actual sunshine, hours, 1.6

Possible sunshine, hours, 11.4

Percentage of possible sunshine, 14

Prevailing direction, East

Total movement, 155

Average hourly velocity, 6.5

Maximum velocity,	Direction,	Time.
13	E	7:51 pm
Extreme 13 velocity	E	7:51 pm

Relative humidity, 85 a. m. p. m.

Reduced barometer, 30.35 a. m. p. m.

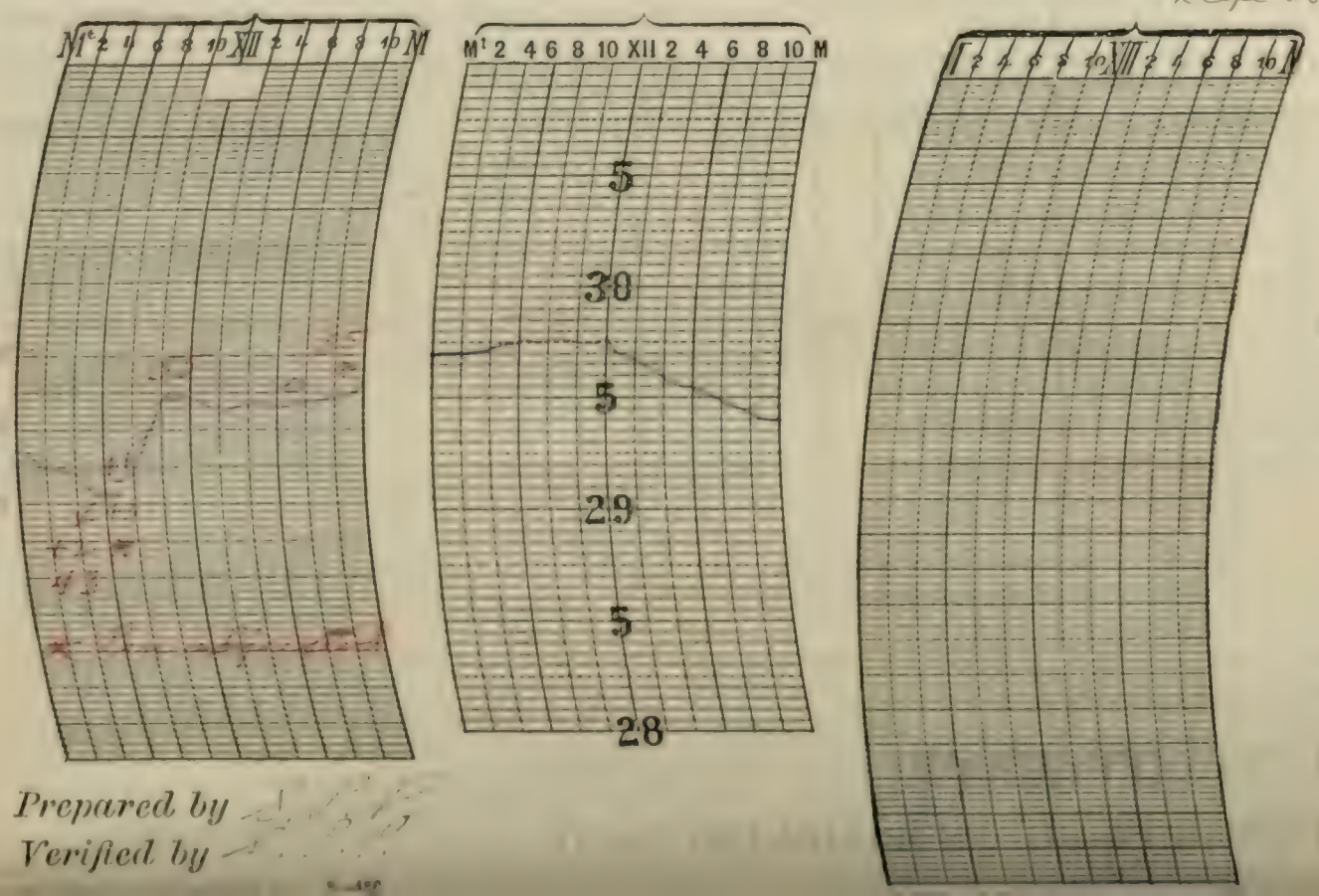
River gage, 19.2, Over a flood { 1:30 a. m. / Since p. m. [illegible]

Excessive precipitation, accumulated amounts.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

NOTES.



Prepared by [illegible]

Verified by [illegible]

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., *(Day of week)* Friday, *(Date)* OCT 6 1911, *191*

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	56	56	56	56	57	59	63	68	72	73	75	80
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions						Partly cldy	Cldy	Cldy	RC	Cloudy		
Sunrise: Time, 5:58 Character, Clear												
Sunshine (in tenths of hours)						0.3 0	0.7 0	0	0.5	0	0.4	0.9
Wind direction	SE	SE	SE	SE	SE	S	S	SW	SW	SW	SW	SW
Wind movement	9	8	6	6	7	10	15	19	17	21	19	19
Maximum velocities (exceeding 25 miles)												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	79	80	80	74	73	61	58	54	53	53	53	52
State of weather: Nature of precipitation and time of beginning and ending			RB 2:47	RE 3:25				RB 7:06				
Amounts of precipitation			T	T				T	T	T		
Cloudiness and other conditions						Cloudy						
Sunset: Time, 5:30 Character, Cloudy												
Sunshine (in tenths of hours)	0	0	0	0	0	0						
Wind direction	SW	SW	W	NW	NW	N	NE	NE	NE	NE	NE	NE
Wind movement	14	14	11	8	9	15	13	11	12	11	14	14
Maximum velocities (exceeding 25 miles)	12:08 SW 25											

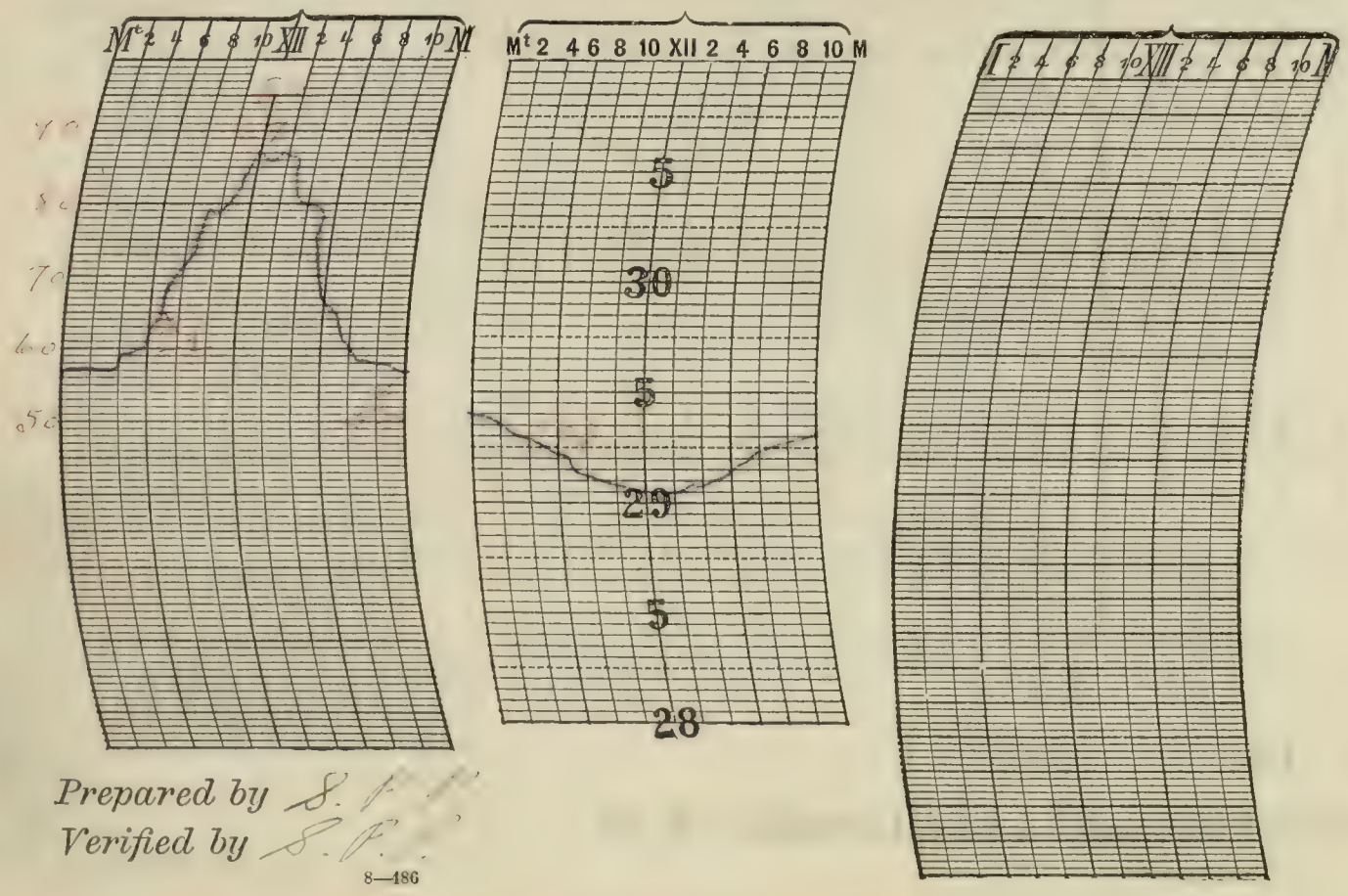
Maximum.	Minimum.	Mean.	Normal.
80	52	66	55

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Cloudy (9) Moon phase,
Actual sunshine, hours, 2.5
Possible sunshine, hours, 11.5
Percentage of possible sunshine, 22
Prevailing direction, Southeast
Total movement, 302
Average hourly velocity, 12.6

Maximum velocity,	Direction,	Time.
25	SW	12:08 pm
Extreme velocity 26	SW	12:08 pm

Relative humidity, 72 a. m. ____ p. m.
Reduced barometer, 29.7 a. m. ____ p. m.
River gage, 19.0, falling {5:00 pm, 15.9

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.



NOTES.

Prepared by S. V.
Verified by S. V.

8—186

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Saturday, (Date) OCT 7 1911, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	52	51	50	50	48	49	50	49	51	57	53	55
State of weather: Nature of precipitation and time of beginning and ending							RE 6:28	RB 7:04 RE 7:22				
Amounts of precipitation					.01	T	T	T				
Cloudiness and other conditions					Cloudy						×	
Sunrise: Time, 5:59 Character, Cloudy												
Sunshine (in tenths of hours)						0	0	0	0	0	×0.2	×0.4
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE
Wind movement	14	15	16	14	11	11	12	9	12	[illegible]	[illegible]	[illegible]

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	57	57	57	56	55	53	51	[illegible]	49	[illegible]	[illegible]	[illegible]
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	× Partly			× Clear				Moon visible				
Sunset: Time, 5:29 Character, Clear												
Sunshine (in tenths of hours)	×0.5	×0.6	×0.7	×0.8	×1.0	×.48						
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	N	N	N	NE
Wind movement	16	17	16	14	11	9	8	8	8	7	5	5

Excessive precipitation, accumulated amounts.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
57	45	[illegible]	[illegible]

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches

Precipitation to 7 a. m., .01 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight; .01 inches.

Character of day, Partly Cloudy Moon phase, [illegible]

Actual sunshine, hours, 4.7

Possible sunshine, hours, 11.5

Percentage of possible sunshine, 41

Prevailing direction, Northeast

Total movement, 284

Average hourly velocity, 11.8

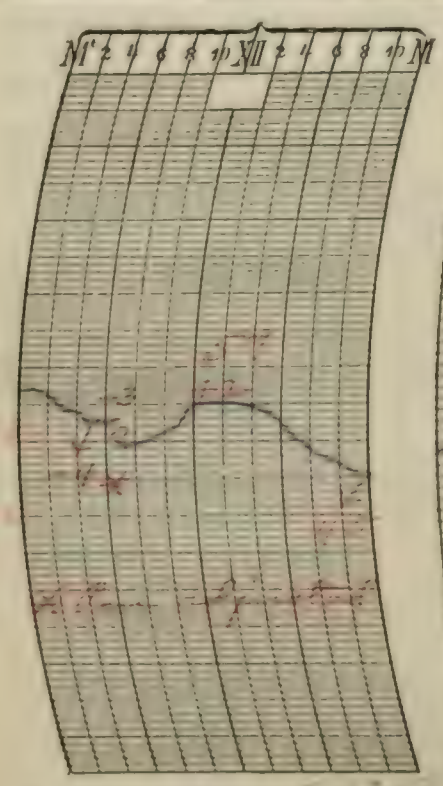
Maximum velocity,	Direction.	Time.
24	NE	12:18 pm
Extreme velocity 26	NE	12:19 pm

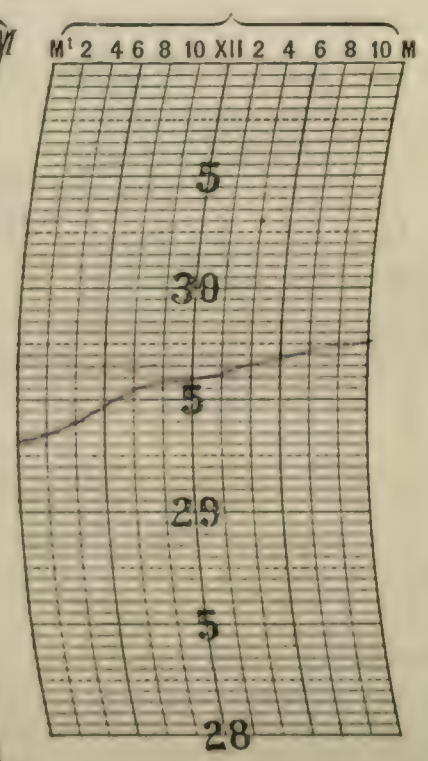
Relative humidity, 84 a. m. ..... p. m.

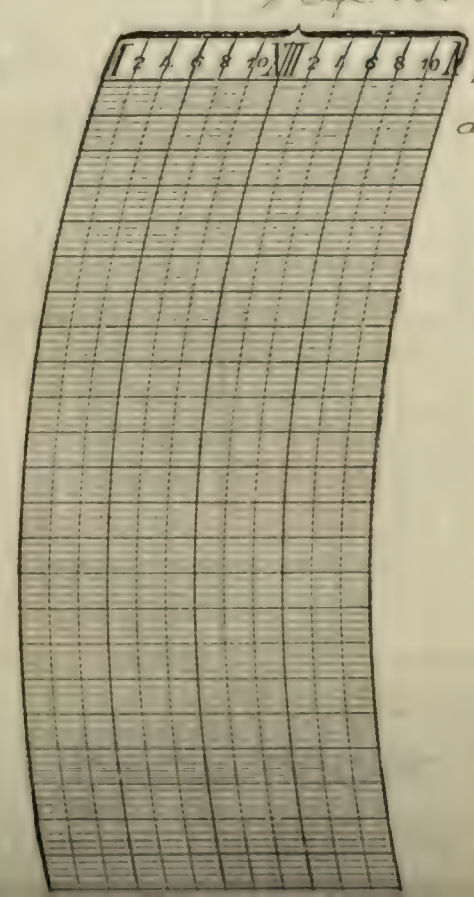
Reduced barometer, 30.07 a. m. ..... p. m.

River gage, 15.7, falling; 5 [illegible]

Eye observations







NOTES.

Warning of light frost received in forecast at 8:48 am; All interests advised.

Prepared by

Verified by

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL, (Day of week) Sunday, (Date) OCT - 8 1911, 191

Time (local standard), 90 mer.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	44	44	43	42	40	40	41	43	49	51	53	54	55	57	60	60	57	55	55	53	50	47	49	
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions	Moon visible				Clear					×	Pt Cldy					×	Clear				Moon visible			
Sunrise: Time, Character,	6:00 Clear																				Sunset: Time, Character,	5:27 Clear		
Sunshine (in tenths of hours)							× 1.0	× 1.0	× 1.0	× 1.0	× 1.0	× 1.0	× 1.0	× 1.0	× 1.0	× 1.0	× 1.0	× .45						
Wind direction	NE	NE	NE	N	N	N	N	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	E	NE	NE
Wind movement	3	3	4	4	2	2	3	4	5	8	7	7	7	6	7	6	6	7	5	5	7	4	4	6
Maximum velocities (exceeding 25 miles)																								

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
60	40	50	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Pt Cldy (P) Moon phase,

Actual sunshine, hours, 11.4

Possible sunshine, hours, 11.4

Percentage of possible sunshine, 100

Prevailing direction, Northeast

Total movement, 122

Average hourly velocity, 5.1

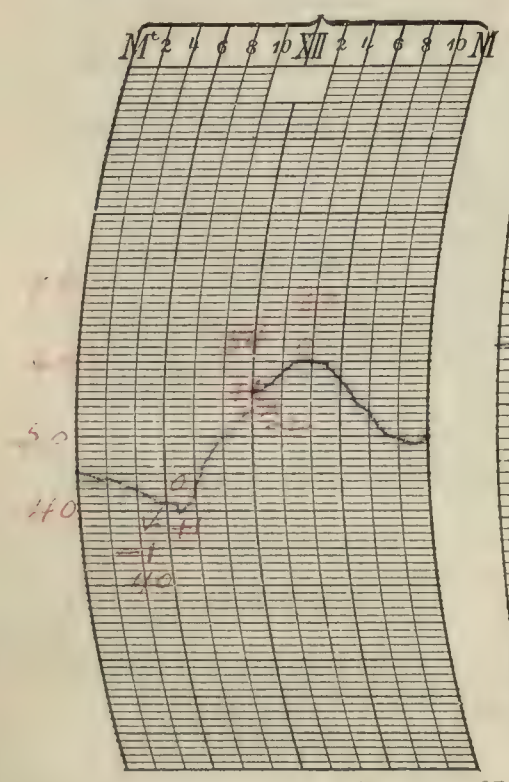
Maximum velocity,	Direction,	Time.
10	NE	11:13 am
Extreme velocity 10	NE	11:13 am

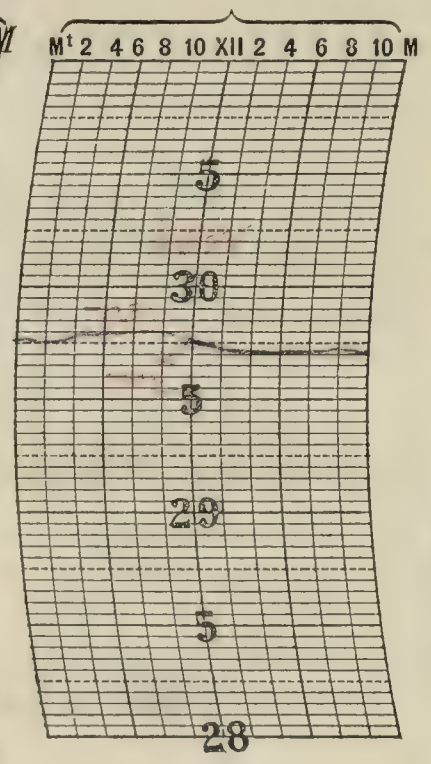
Relative humidity, 98 a. m. p. m.

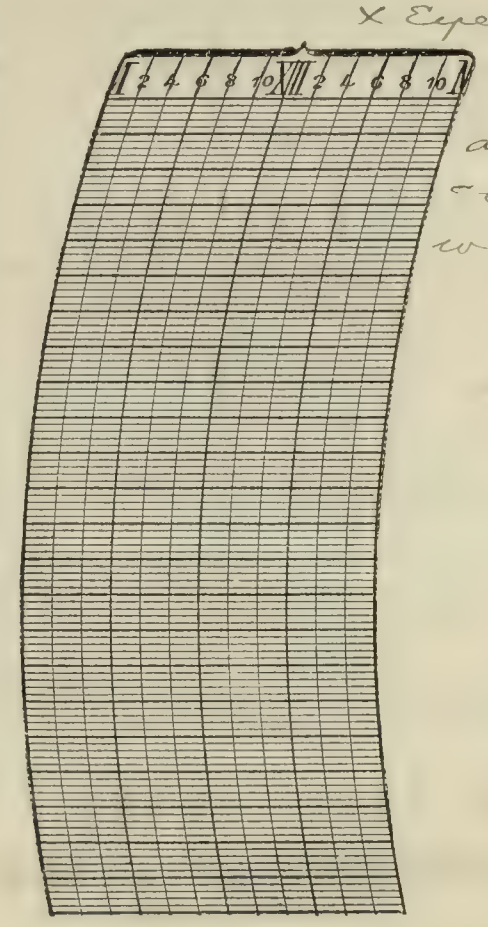
Reduced barometer, 30.35 a. m. p. m.

River gage, 18.5, falling

× Eye observation







NOTES.

Frost warning received from Chicago at 10:35 am. All interests that could be reached over the telephone were notified.

Heavy dew observed this morning.

Light frost observed at 7:30 am.

Prepared by [illegible]

Verified by [illegible]

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Wednesday, (Date) OCT - 1911 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	49	49	48	48	48	48	47	48	51	55	56	56	57	59	59	59	59	59	58	58	58	57	57	56
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions	Moon visible				Clear						Cloudy													
Sunrise: Time, Character	6:04		Clear																		Sunset: Time, Character			
Sunshine (in tenths of hours)							×0.38	×1.0	1.0	0.2	0	0.3	0.9	0.6	0	0	0	0			5:21 Cloudy			
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	E	E	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	S
Wind movement	5	2	2	2	2	3	3	3	5	5	4	3	5	4	5	3	3	3	3	3	1	2	1	1
Maximum velocities (exceeding 25 miles)																								

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
59	47	53	55.5

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Cloudy (9) Moon phase,

Actual sunshine, hours, 4.4

Possible sunshine, hours, 11.4

Percentage of possible sunshine, 39

Prevailing direction, Southeast

Total movement, 73

Average hourly velocity, 3.0

Maximum velocity,	Direction,	Time
6	E	9:25 a. m.
Extreme 6 no Record	E	9:25 a.

Relative humidity, 89 a. m. p. m.

Reduced barometer, 30.24 a. m. p. m.

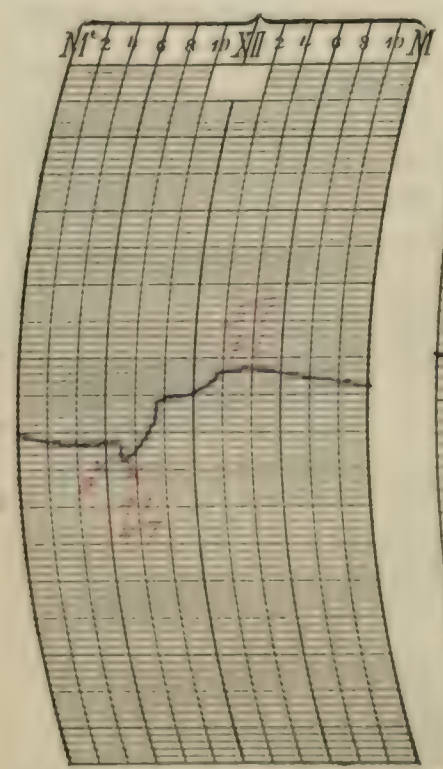
River gage, 1.5 a. m. p. m.

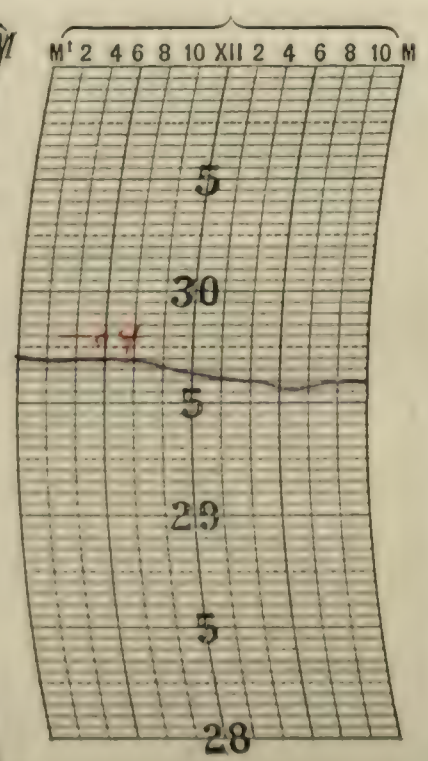
Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

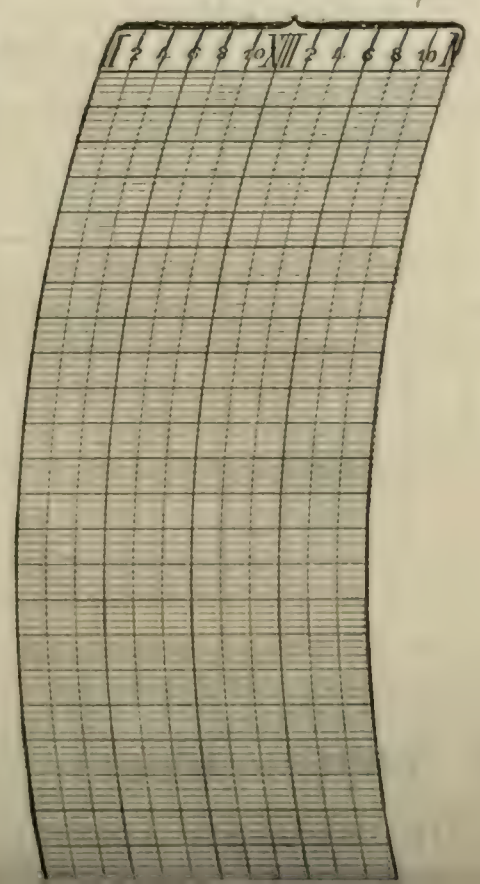
Accumulated depths during excessive rate, for consecutive periods of time indicated below.

× Eye observation

NOTES.







Prepared by S. F. G.

Verified by [illegible]

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE ILL, *(Day of week)* Tuesday, *(Date)* OCT 1911, 191

Time (local standard), 90 mer.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	56	55	55	55	55	54	53	53	54	55	58	62	63	63	63	63	63	61	58	54	53	51	50	47
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						Cloudy							Pt Cldy				Clear							
Sunshine (in tenths of hours)							0	0	0	0	0	1.0	0.7	0.5	0.1	0.6	0.9 0.1	.40 0						
Wind direction	S	S	S	S	S	SE	S	S	SW	SW	SW	SW	W	W	SW	SW	W	W	W	W	W	W	W	W
Wind movement	1	1	1	1	2	2	2	3	2	3	4	5	4	7	6	5	2	1	1	1	1	1	1	1
Maximum velocities (exceeding 25 miles)																								

Sunrise: Time, 6:02 Character, Cloudy

Sunset: Time, 5:24 Character, Clear

Excessive precipitation, accumulated amounts	Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
63	49	56	55

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Pt Cldy Moon phase,

Actual sunshine, hours, 4.3

Possible sunshine, hours, 11.4

Percentage of possible sunshine, 38

Prevailing direction West

Total movement, 58

Average hourly velocity, 2.

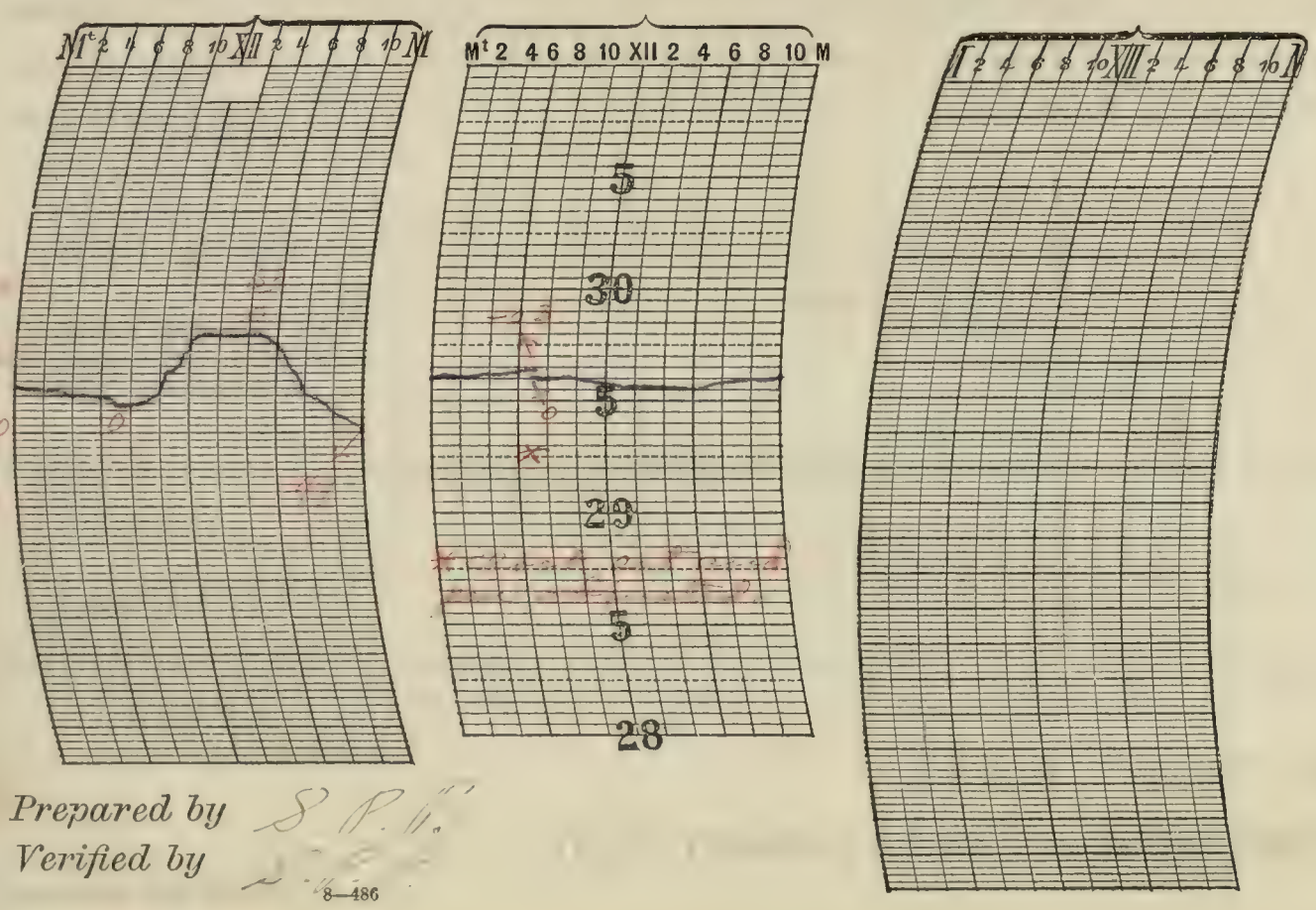
	Maximum velocity,	Direction,	Time.
	8	SW	2:17 pm
Extreme velocity	8	SW	2:17 pm

Relative humidity, 94 a. m. p. m.

Reduced barometer, 30.18 a. m. p. m.

River gage, 18.2, falling

NOTES.



Prepared by S. P. W.

Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LASALLE ILL., (Day of week) Wednesday, (Date) OCT 17 1911, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	48	46	44	43	43	44	45	45	50	56	62	65
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation	Hoar frost											
Cloudiness and other conditions		Lt smoke										
Sunrise: Time, Character,	6:03 Cloudy											
Sunshine (in tenths of hours)							0	0	0.9	1.0	1.0	1.0
Wind direction	0	0	0	0	W	0	W	W	W	E	E	SE
Wind movement	0	0	0	0	1	0	1	1	3	3	5	4

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	66	67	67	67	67	65	63	59	58	56	54	52
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	0.4 0.6	.37 0						
Wind direction	E	E	N	NE	NE	NE	NE	NE	NE	NE	NE *	O *
Wind movement	2	3	4	3	2	5	4	2	3	2	1	0
Sunset: Time, Character,									5:22 Clear			

Maximum velocities (exceeding 40 miles)

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum,	67
Minimum,	43
Mean,	55
Normal,	54

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear, 0 Moon phase,

Actual sunshine, hours, 9.3

Possible sunshine, hours, 11.3

Percentage of possible sunshine, 82

Prevailing direction Northeast

Total movement, 49

Average hourly velocity, 2.0

Maximum velocity,	Direction,	Time.
5	SE	10:25 a.
Extreme velocity 5	SE	10:25 a.

Relative humidity, 96 a. m. p. m.

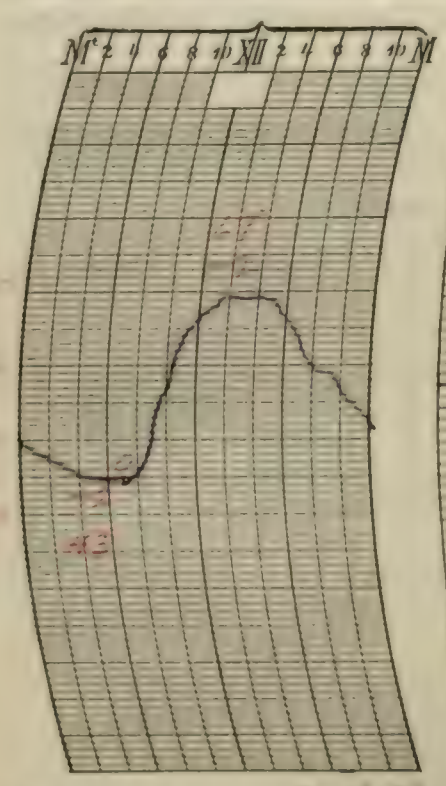
Reduced barometer, 30.23 a. m. p. m.

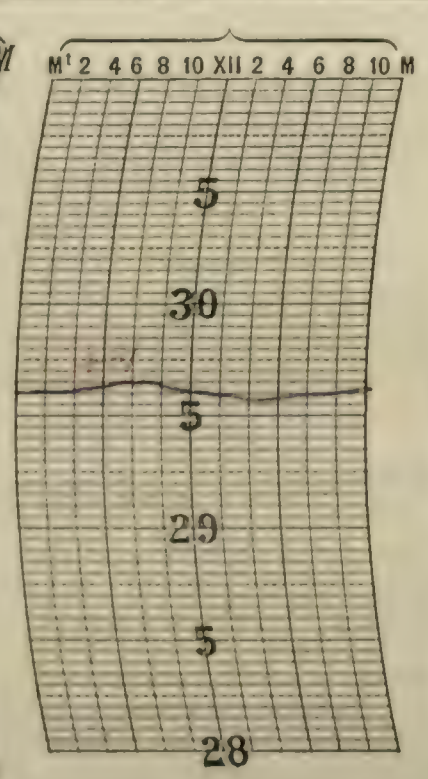
River gage, 1.5 falling

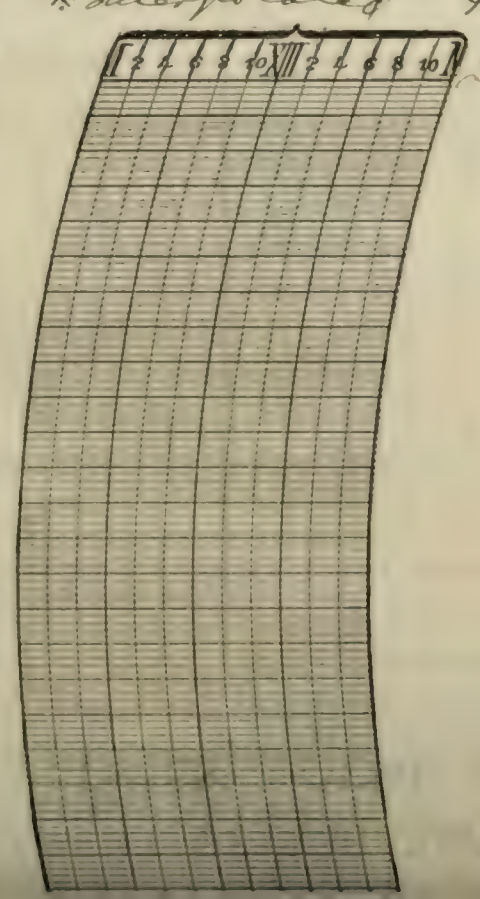
* Interpolated. ϕ For 2 1/3 hrs. Record lost on account of weak battery.

NOTES.

Lt smoke from 8 Ha to 10:00 a.m.







Prepared by

Verified by

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Thursday, (Date) [illegible], 191

Time (local standard), 90 mer.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	50	49	48	47	47	47	44	43	52	61	70	69	72	72	72	71	71	68	64	59	58	55	53	52
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions	Moon visible		Dense fog					×		Clear														
								Lt fog																
Sunshine (in tenths of hours)							0	0.3 0.2	1.0	1.0	[illegible]	[illegible]	1.0	1.0	1.0	1.0	0.5	.35 0						
Wind direction	C	NE	NE	NE	0	NE	0	NE	NE	NE	NE	E	N	NW	N	N	NE	NE	NE	NE	NE	NE	NE	NE
Wind movement	×0	×1	1	1	0	1	0	2	1	2	×2	×3	3	5	5	5	4	2	4	4	4	4	3	2
Maximum velocities (exceeding 25 miles)																								

Sunrise: Time, 6:04; Character, Foggy

Sunset: Time, 5:21; Character, Clear

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
72	43	58	54

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear (1) Moon phase,

Actual sunshine, hours, 9.8

Possible sunshine, hours, 11.3

Percentage of possible sunshine, 87

Prevailing direction, Northeast

Total movement, 59

Average hourly velocity, 2.5

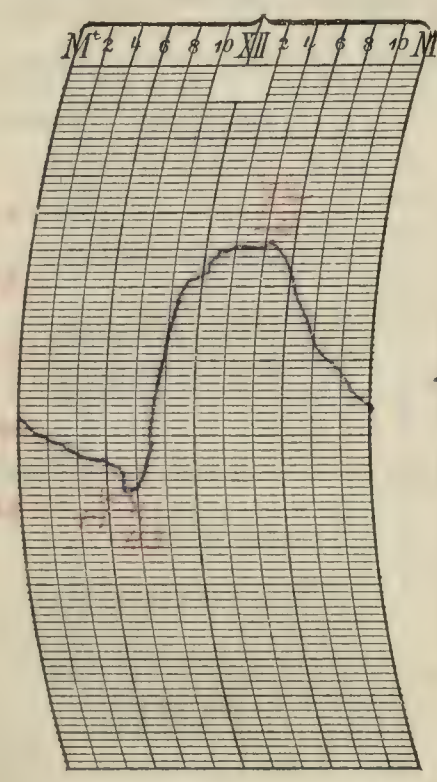
	Maximum velocity,	Direction,	Time.
Extreme velocity	7	NE	2:22 pm
	Ø	NE	2:27 pm

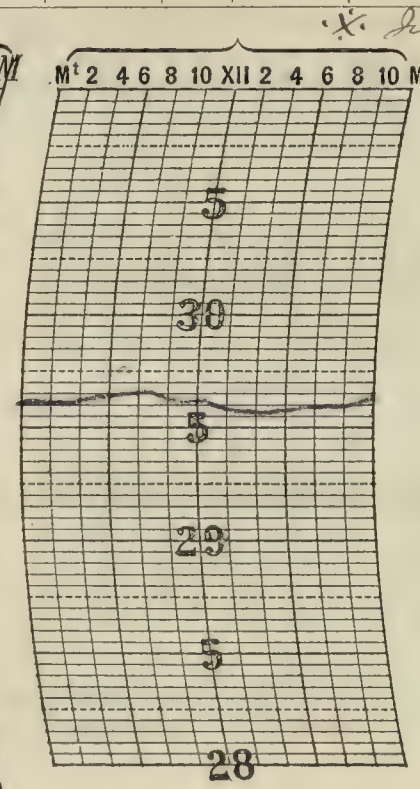
Relative humidity, 100 a. m. p. m.

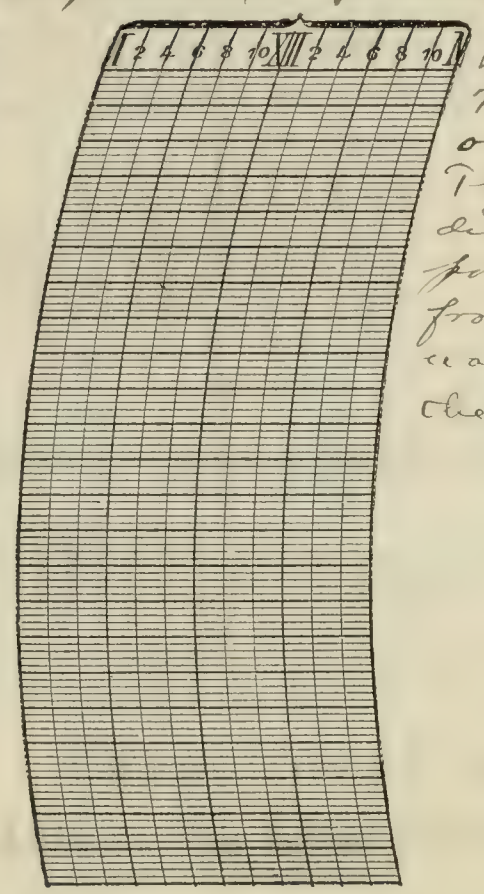
Reduced barometer, 30.23 a. m. p. m.

River gage, 17.8 falling

×. Interpolated. Ø For 20½ hrs. Record lost on account of weak battery.







NOTES.

Dense fog formed 2 Ua and continued to 7:30 am. From 6:30 am to 7:00 am the fog obscured objects at a distance of 65 feet. The fog changed to light at 7:30 am and disappeared at 10:30 am. .... The higher portions of the city were practically free from fog. North of 7th street on Gooding there was a total absence of fog; but below 5th street the fog was dense.

Prepared by S. P. P.

Verified by S. P. P.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE ILL, (Day of week) Friday, (Date) OCT 13 1911, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	49	48	49	46	44	45	43	43	45	55	61	63
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions				Dense fog				← Pt cldy			—	
Sunrise: Time, Character,	6:06 Foggy											
Sunshine (in tenths of hours)							0	0	×0.6	×1.0	1.0	0.3
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	E	E	E	E
Wind movement	3	2	3	3	4	3	4	4	4	4	2	2
Maximum velocities (exceeding 25 miles)												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	63	62	65	65	62	62	61	61	60	60	57	57
State of weather: Nature of precipitation and time of beginning and ending					RB 4:05 RE 4:10				RB 8:45 RE 9:00		RBDZ	
Amounts of precipitation					T				T		T	
Cloudiness and other conditions												
Sunset: Time, Character,									5:19 Cloudy			
Sunshine (in tenths of hours)	0	×0	0.3	0	0	0						
Wind direction	E	E	E	E	NW	NW	NW	NW	NW	W	W	W
Wind movement	2	3	3	2	4	4	4	4	4	4	4	4
Maximum velocities (exceeding 25 miles)												

Excessive precipitation, accumulated amounts

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
65	43	54	54

Total depth of snow for 24 hours ending 7 p. m., 0 inches

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins

Total precipitation, midnight to midnight, T inches.

Character of day, Cloudy (9) Moon phase,

Actual sunshine, hours, 3.3

Possible sunshine, hours, 11.2

Percentage of possible sunshine, 29

Prevailing direction Northeast & East.

Total movement, 80

Average hourly velocity, 3.3

Maximum velocity,	Direction,	Time
6	NE	3:58 am
Extreme velocity 6	NE	3:58 am

Relative humidity, 100 a. m. ..... p. m.

Reduced barometer, 30.19 a. m. ..... p. m.

River gage, 17.6, falling

NOTES.

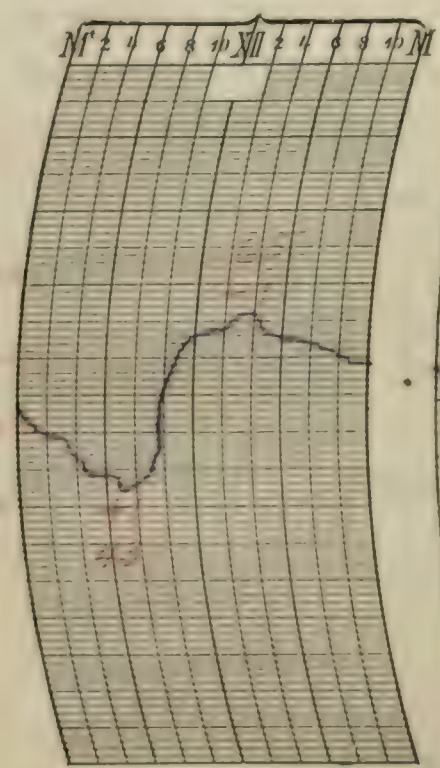
× Eye observations ∅ Instrument

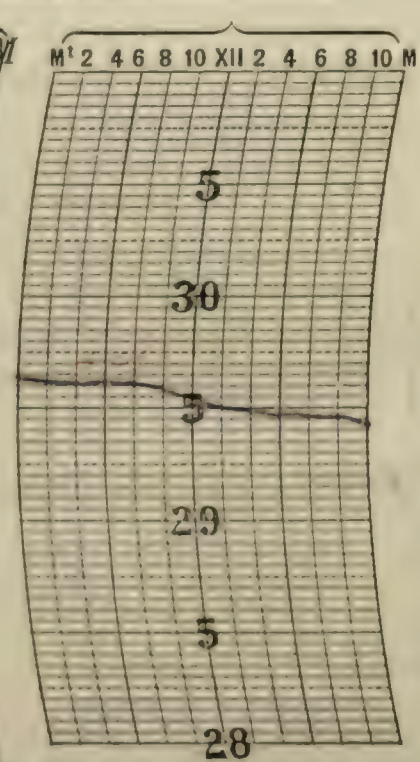
Clock stopped.

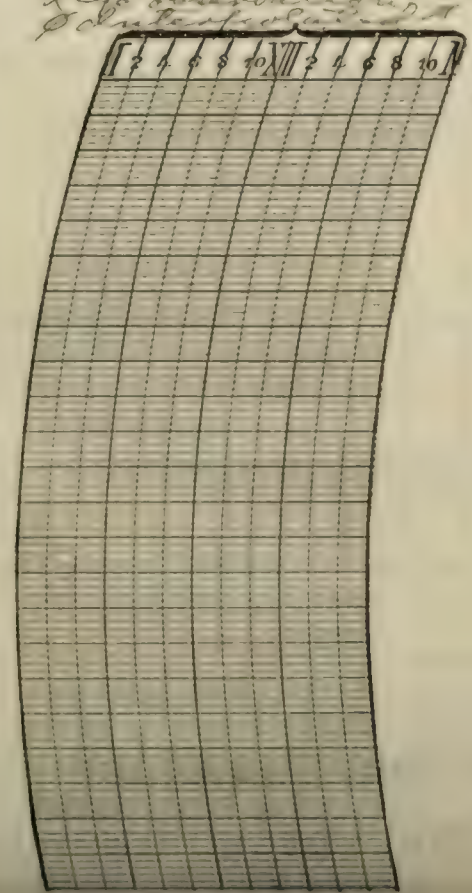
Dense fog 2 ma to 9:45 am.

Lt fog 9:45 am to 9:00 am

* For 15 min







Prepared by

Verified by

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Saturday, (Date) OCT 14 1911 14, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	57	58	58	58	57	57	56	56	58	59	60	60
Nature of precipitation and time of beginning and ending		RE	D	Ua							RB 10:45	
Amounts of precipitation					#.18	T					T	T
Cloudiness and other conditions						Cloudy						
Sunrise: Time, Character,	6:07 Cloudy											
Sunshine (in tenths of hours)							0	0	0	0	0	0
Wind direction	Ø W	Ø SW	Ø SW	Ø SW	Ø SW	S	S	S	Ø S	Ø S	Ø SW	Ø SW
Wind movement	4	4	5	6	6	4	2	5	3	6	7	7
Maximum velocities (exceeding ___ miles)												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	62	63	63	63	62	59	58	57	55	55	54	[illegible]
Nature of precipitation and time of beginning and ending	RE 12:20 RB 12:50	RE 1:05 R+HB 1:05 R+HE 1:08 RB 1:08 RE 1:15										
Amounts of precipitation	T	‡ .08										
Cloudiness and other conditions		Pt Cldy		Clear								
Sunset: Time, Character,									5:17 Clear			
Sunshine (in tenths of hours)	0.3	0.7	0.6	✱ 0.8	✱ 1.0	.28 0						
Wind direction	Ø SW	W	W	W	W	W	W	W	W	W	W	W
Wind movement	8	11	14	12	9	7	5	5	4	4	4	4
Maximum velocities (exceeding ___ miles)												

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
64	53	55	53

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .18 ins.; to 7 p. m., .08 ins.

Total precipitation, midnight to midnight, .26 inches.

Character of day Pt Cldy (T) Moon phase, ☾ 5:46 [illegible]

Actual sunshine, hours, 3.7

Possible sunshine, hours, 11.2

Percentage of possible sunshine, 33

Prevailing direction West

Total movement, 146

Average hourly velocity, 6.1

	Maximum velocity,	Direction,	Time.
	17	# W	1:57 pm
Extreme velocity	18	NW	1:54 p.

Relative humidity, 91 a. m. ____ p. m.

Reduced barometer, 29.88 a. m. ____ p. m.

River gage, 17.5 falling.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

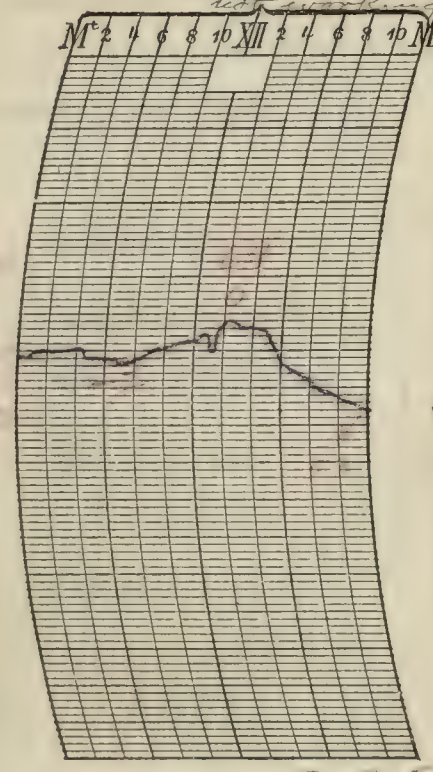
Accumulated depths during excessive rate, for consecutive periods of time indicated below.

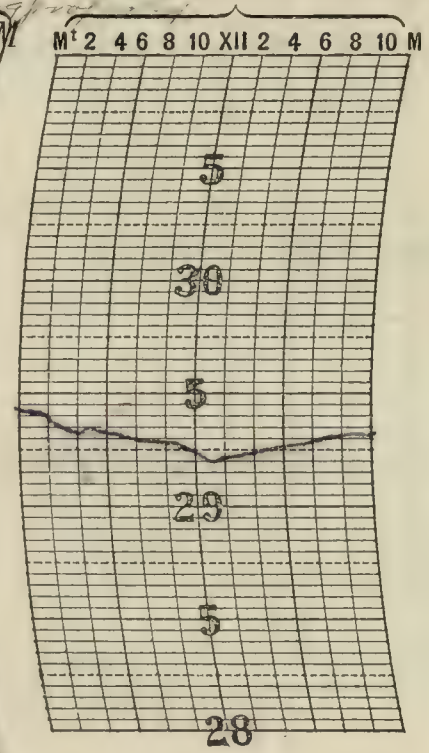
Excessive precipitation, accumulated amounts

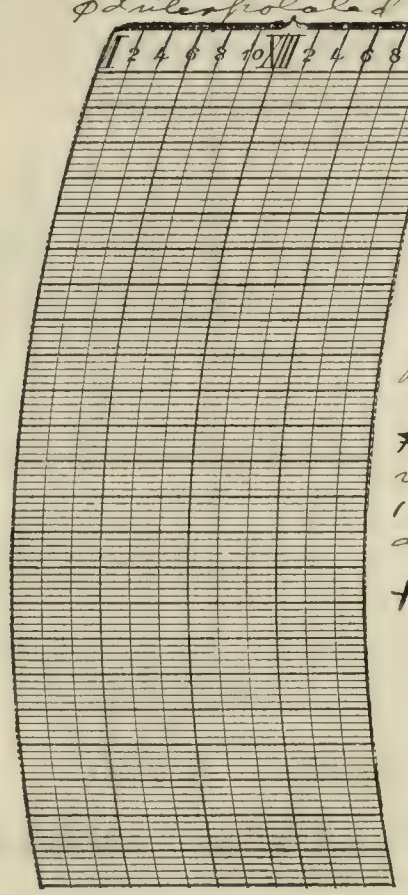
✱ Eye observation; Sunshine recorder not working properly.

× Eye observation; Ø Interpolated

Clock stopped to 4:35 am. Taken away for repairs at 8:45 am and installed again at 1:14 pm.







NOTES.

Thunderstorm: + first x last thunders heard D Ua. Storm came from SW.

Thunderstorm: + first thunder heard 12:50p; last heard 1:20p. Storm came from S.W. This storm was attended by light hailfall from 1:05p to 1:08pm.

‡ actual record. The observer made a dot at proper time on record sheet when circuit was heard to close.

It is believed by the observer that all the measurable rainfall during the night of the 13th & 14 fell between 4 am & 5 am of the 14th. The amount positively recorded for this hour is .15

For 18 hours.

Prepared by S. P. C.

Verified by S. P. C.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Sunday, (Date) OCT 15 1911, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	51	51	51	49	48	45	43	44	45	49	56	60	61	66	68	68	67	65	63	62	61	61	60	60
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					Dense fog				Lt fog				Cloudy		Pt cldy		Clear							
Sunrise: Time, 6:08 Character, Foggy																					Sunset: Time, 5:16 Character, Clear			
Sunshine (in tenths of hours)							0	0	0	0.4	1.0	x 1.0	x 1.0	x 1.0	x 1.0	x 1.0	x 1.0	27 0						
Wind direction	W	W	W	W	W	N	N	N	NE	NE	E	E	E	E	SE	E	E	E	E	E	E	E	E	E
Wind movement	3	4	1	2	1	2	2	4	4	5	6	7	9	11	14	12	10	9	9	7	10	9	9	8
Maximum velocities (exceeding 25 miles)																								

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—.	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

	Maximum.	Minimum.	Mean.	Normal.
	68	43	56	53

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins

Total precipitation, midnight to midnight, 0 inches.

Character of day, Pt cldy. Moon phase,

Actual sunshine, hours, 7.7

Possible sunshine, hours, 11.1

Percentage of possible sunshine, 69

Prevailing direction, East

Total movement, 156

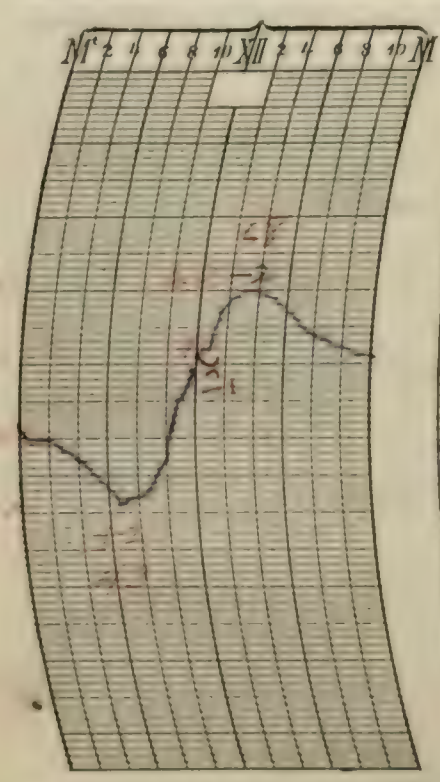
Average hourly velocity, 6.5

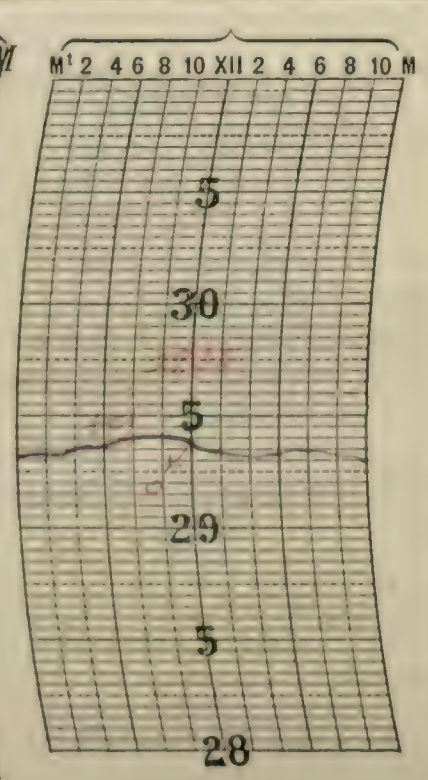
	Maximum velocity,	Direction,	Time
	16	E	2:00 p.m.
Extreme velocity	16	E	2:00 p.m.

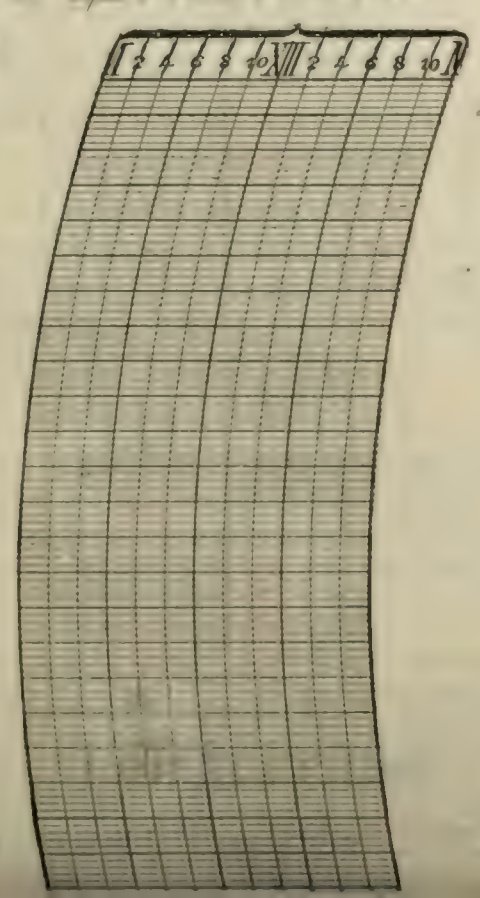
Relative humidity, 100 a. m. p. m.

Reduced barometer, 29.98 a. m. p. m.

River gage, 17.3, falling







NOTES.

Dense fog 2 to 8:00 am
Lt fog 8:00 am to 9:00 am

Prepared by S. P. P.
Verified by S. P. P.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Wednesday, (Date) OCT 16 1901, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	59	59	61	61	62	63	63	64	66	70	73	66
State of weather: Nature of precipitation and time of beginning and ending												RB 11:27 RS 11:46
Amounts of precipitation												.24
Cloudiness and other conditions				Cloudy				×	Pt Cldy			
Sunshine (in tenths of hours)							.85 0	× 0.8	× 0.7	× 0.7	× 0.5	0
Wind direction	E	E	E	E	SE	SE	SE	SE	SE	SE	S	S
Wind movement	7	7	9	9	10	11	13	11	12	13	12	11
Maximum velocities (exceeding 25 miles)												

Sunrise: Time, 6:09; Character, Clear

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	70	71	71	71	69	65	62	59	57	55	54	53
State of weather: Nature of precipitation and time of beginning and ending			RB 2:14 RE 2:16									
Amounts of precipitation			T									
Cloudiness and other conditions		×	Cloudy				×	P.C.	×	Clear		
Sunshine (in tenths of hours)	0.9	0.9	0.2	0.1	0	0						
Wind direction	S	S	S	S	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	11	12	11	12	18	16	17	15	11	7	6	3
Maximum velocities (exceeding 25 miles)							6:59 SW 25					

Sunset: Time, 5:14; Character, Cloudy

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

× Eye observation.

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
73	53	63	52

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., .24 ins.

Total precipitation, midnight to midnight .24 inches.

Character of day, Pt Cldy (6) Moon phase,

Actual sunshine, hours, 5.6

Possible sunshine, hours, 11.1

Percentage of possible sunshine, 50

Prevailing direction Southwest

Total movement, 264

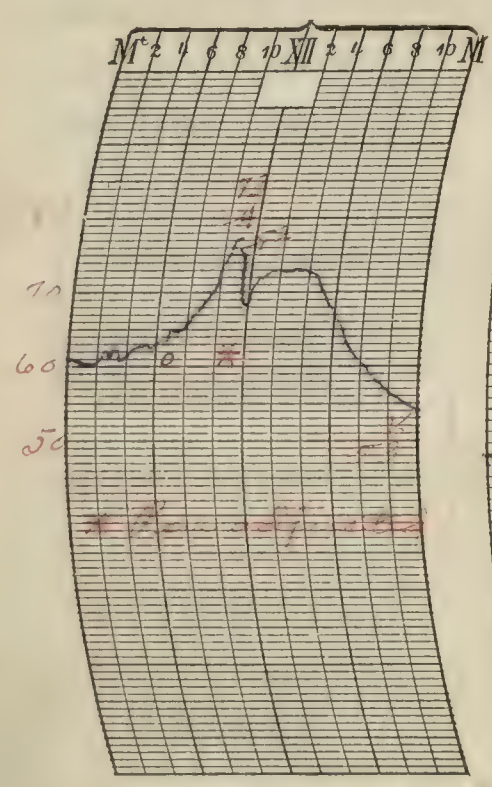
Average hourly velocity, 11.0

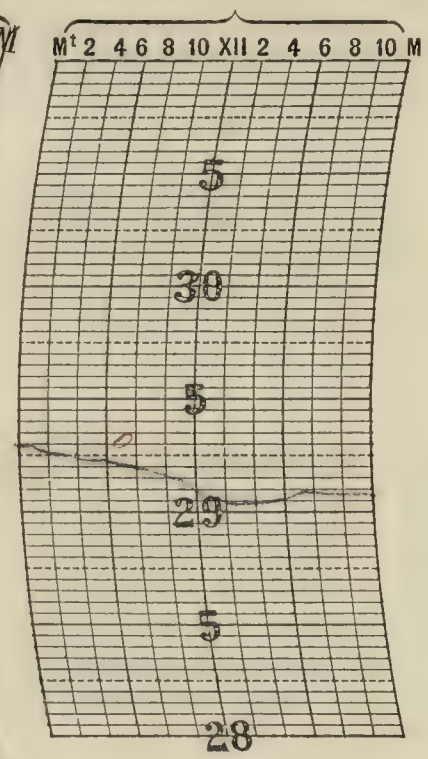
Maximum velocity,	Direction,	Time.
25	SW	6:59 pm
Extreme velocity 26	SW	6:58 pm

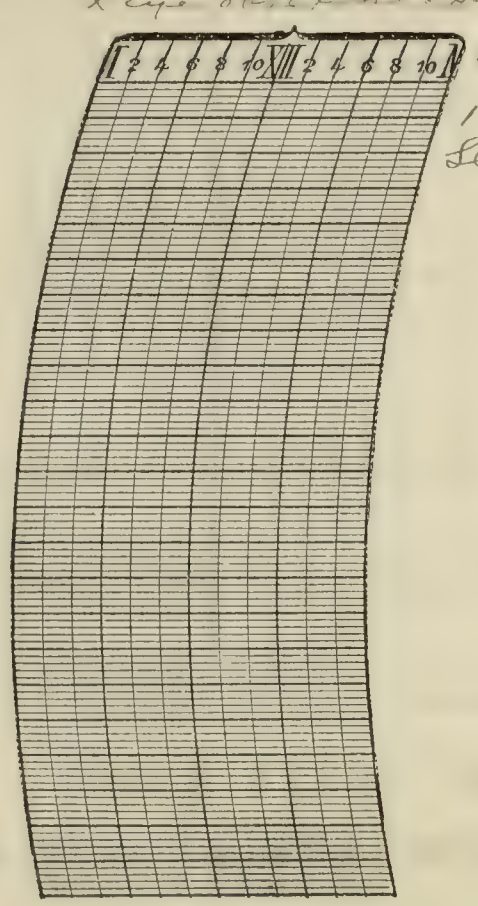
Relative humidity, 84 a. m. p. m.

Reduced barometer, 29.77 a. m. p. m.

River gage, 17.2, falling







NOTES.

Thunderstorm: First thunder heard 11:33 am; last thunder heard 11:48 am. Storm came from S.W.

Prepared by J. F. K.

Verified by S. P. P.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Tuesday, (Date) OCT 17 1911, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	51	51	52	54	54	55	55	55	55	56	58	62	64	66	66	66	64	60	58	56	54	52	50	47
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions				Cloudy							Partly		Clear											
Sunrise: Time, 6:10 Character, Clear																					Sunset: Time, 5:13 Character, Clear			
Sunshine (in tenths of hours)							.20 0	0	0	0	0.8	1.0	1.0	1.0	1.0	1.0	.02 0.5	.22 0						
Wind direction	SW	SW	SW	SW	SW	SW	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W
Wind movement	5	4	6	7	11	10	10	13	11	11	14	12	15	15	15	10	6	4	3	3	1	2	1	1
Maximum velocities (exceeding 25 miles)																								

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
66	47	55	52

Total depth of snow for 24 hours ending 7 p. m., 0 inches

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day Pt Cldy Moon phase,

Actual sunshine, hours, 7.2

Possible sunshine, hours, 11.0

Percentage of possible sunshine, 65

Prevailing direction, W. o. S. t.

Total movement, 190

Average hourly velocity, 7.5

Maximum velocity,	Direction,	Time.
18	W	12:32 pm
Extreme velocity 20	W	12:31 pm

Relative humidity, 88 a. m. p. m.

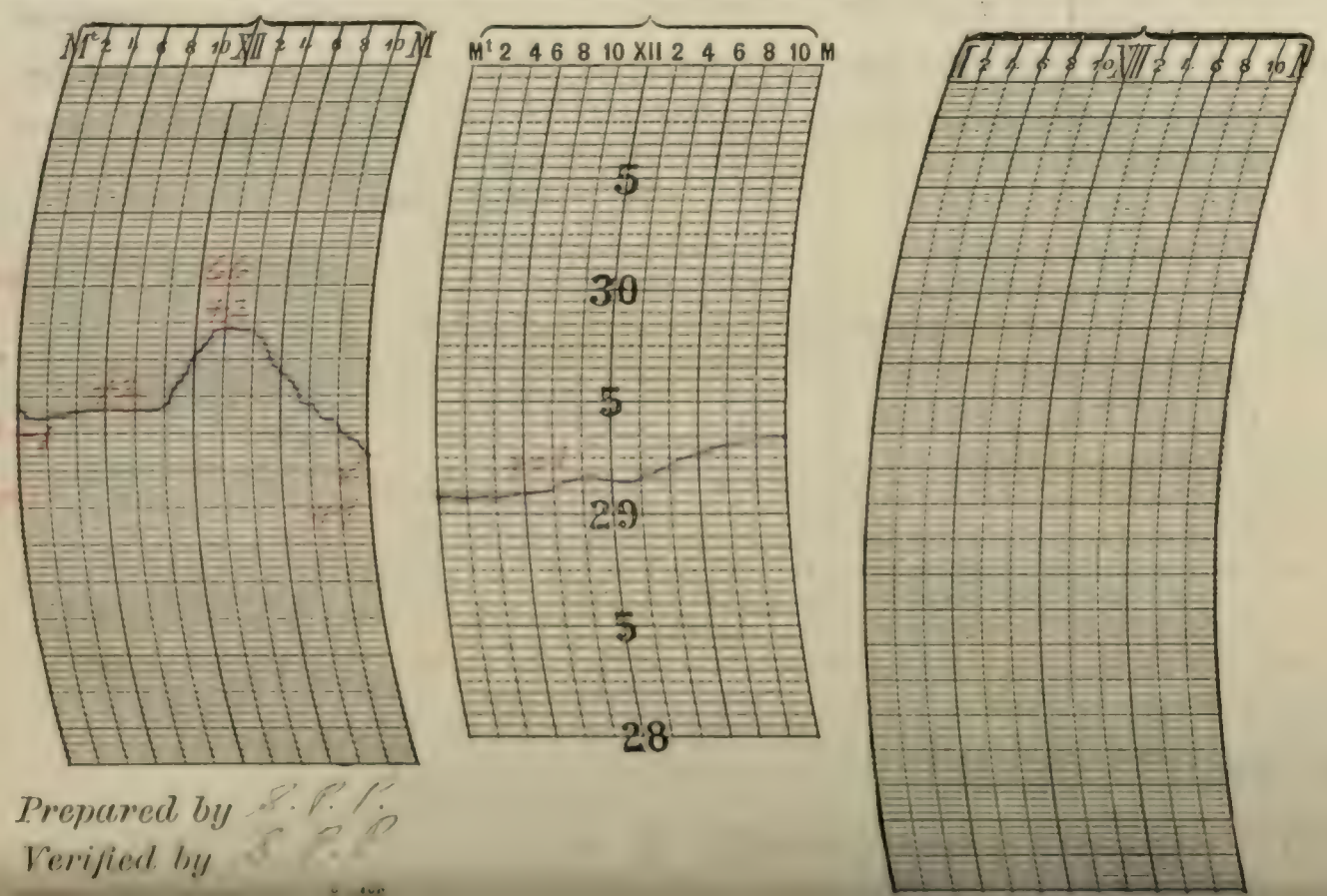
Reduced barometer, 29.66 a. m. p. m.

River gage, 1 ft. 4 rise

Excessive precipitation, accumulated amounts.	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

NOTES.



Prepared by S. P. K.

Verified by S. P. P.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Wednesday, (Date) OCT 18 1911, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	48	47	46	45	45	44	46	50	59	62	64	66
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Clear											
Sunrise: Time, 6:11 Character, Clear												
Sunshine (in tenths of hours)							.62 .20	1.0	1.0	1.0	1.0	1.0
Wind direction	W	W	O	W	W	W	S	SE	S	S	S	SW
Wind movement	2	2	0	2	2	3	2	3	4	11	17	19
Maximum velocities (exceeding 25 miles)												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	67	68	69	69	67	63	60	59	58	55	54	53
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions												
Sunset: Time, 5:11 Character, Clear												
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	0.4 0.6	.18 0						
Wind direction	SW	SW	SW	S	S	S	S	S	S	S	SW	SW
Wind movement	15	18	17	13	9	5	6	6	7	3	2	4
Maximum velocities (exceeding 25 miles)												

	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
67	44	56	51

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear (0) Moon phase,

Actual sunshine, hours, 11.0

Possible sunshine, hours, 11.0

Percentage of possible sunshine, 100

Prevailing direction South

Total movement, 172

Average hourly velocity, 7.2

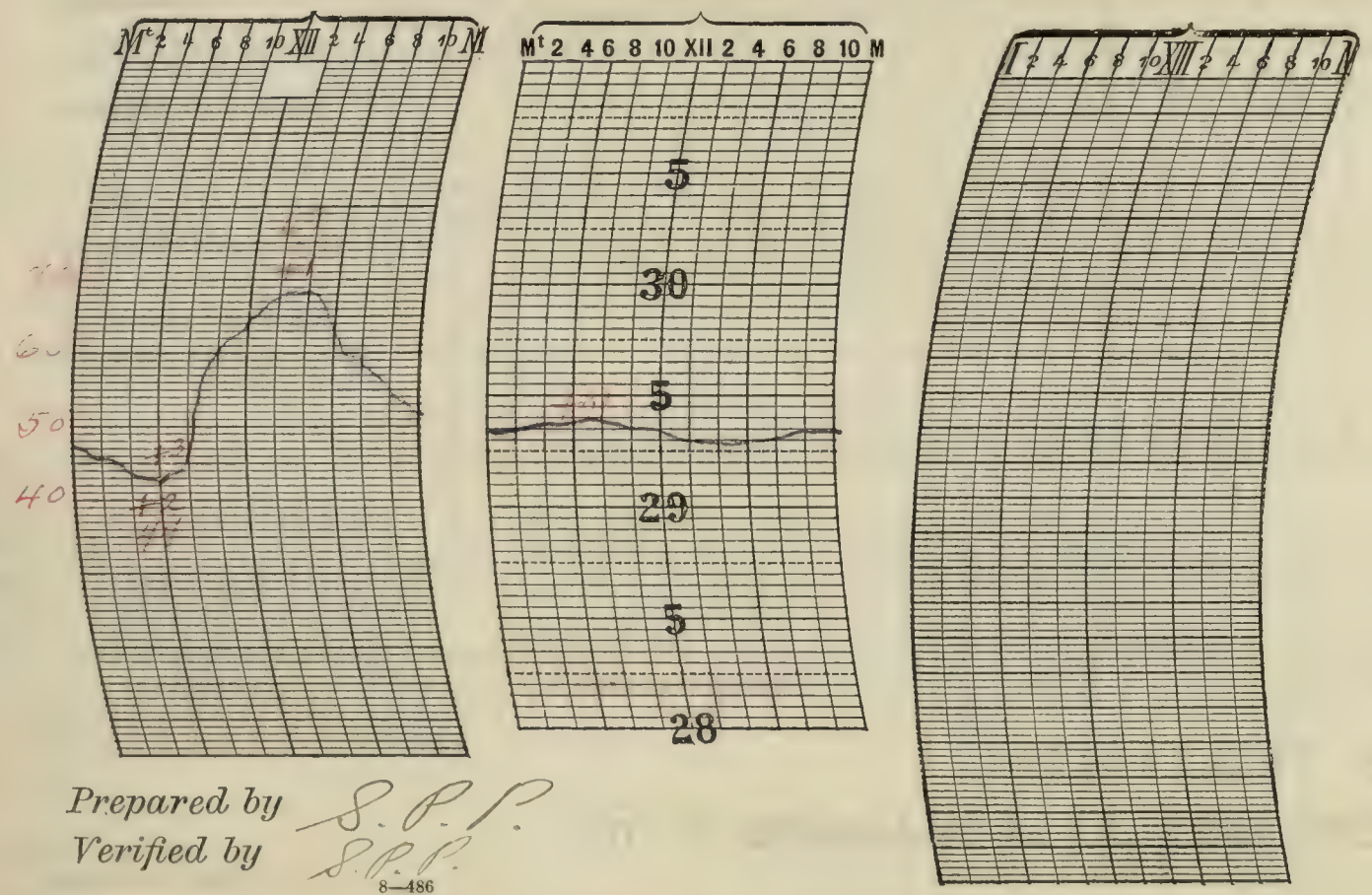
Maximum velocity,	Direction,	Time.
23	SW	10:58 am
Extreme velocity 23	SW	10:58 am

Relative humidity, 82 a. m. ____ p. m.

Reduced barometer, 29.98 a. m. ____ p. m.

River gage, 17.7, rising

NOTES.



Prepared by S. P. P.
Verified by S. P. P.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Thursday, (Date) OCT 19 1911, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	52	52	52	49	49	46	46	47	52	56	54	53
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					Partly			→	Cloudy			
Sunrise: Time, Character,	6:12 Clear											
Sunshine (in tenths of hours)							.80 0	0.4 0.6	1.0	0.8	0.1	0
Wind direction	S	W	W	N	NE	N	N	N	N	N	N	N
Wind movement	5	3	2	7	8	4	4	8	11	9	9	6

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	53 RB 12:45	53	52	50	49	48	47	47	47	47	47	47
Nature of precipitation and time of beginning and ending									RE	DZ	RK	
Amounts of precipitation	T	T	T	T	.03	.02	.01	T	T	T		
Cloudiness and other conditions												
Sunset: Time, Character,									5:10 Cloudy			
Sunshine (in tenths of hours)	0	0	0	0	0	0						
Wind direction	N	N	W	N	N	NE	NE	NE	NE	NE	N	W
Wind movement	6	5	6	7	3	4	3	1	1	2	2	3

Maximum velocities (exceeding 25 miles)

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum.	Minimum.	Mean.	Normal.
56	46	51	51

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., .06 ins.

Total precipitation, midnight to midnight, .06 inches.

Character of day, Cloudy (?) Moon phase,

Actual sunshine, hours, 3.7

Possible sunshine, hours, 11.0

Percentage of possible sunshine, 34

Prevailing direction, North

Total movement, 1 = 1

Average hourly velocity, 5.0

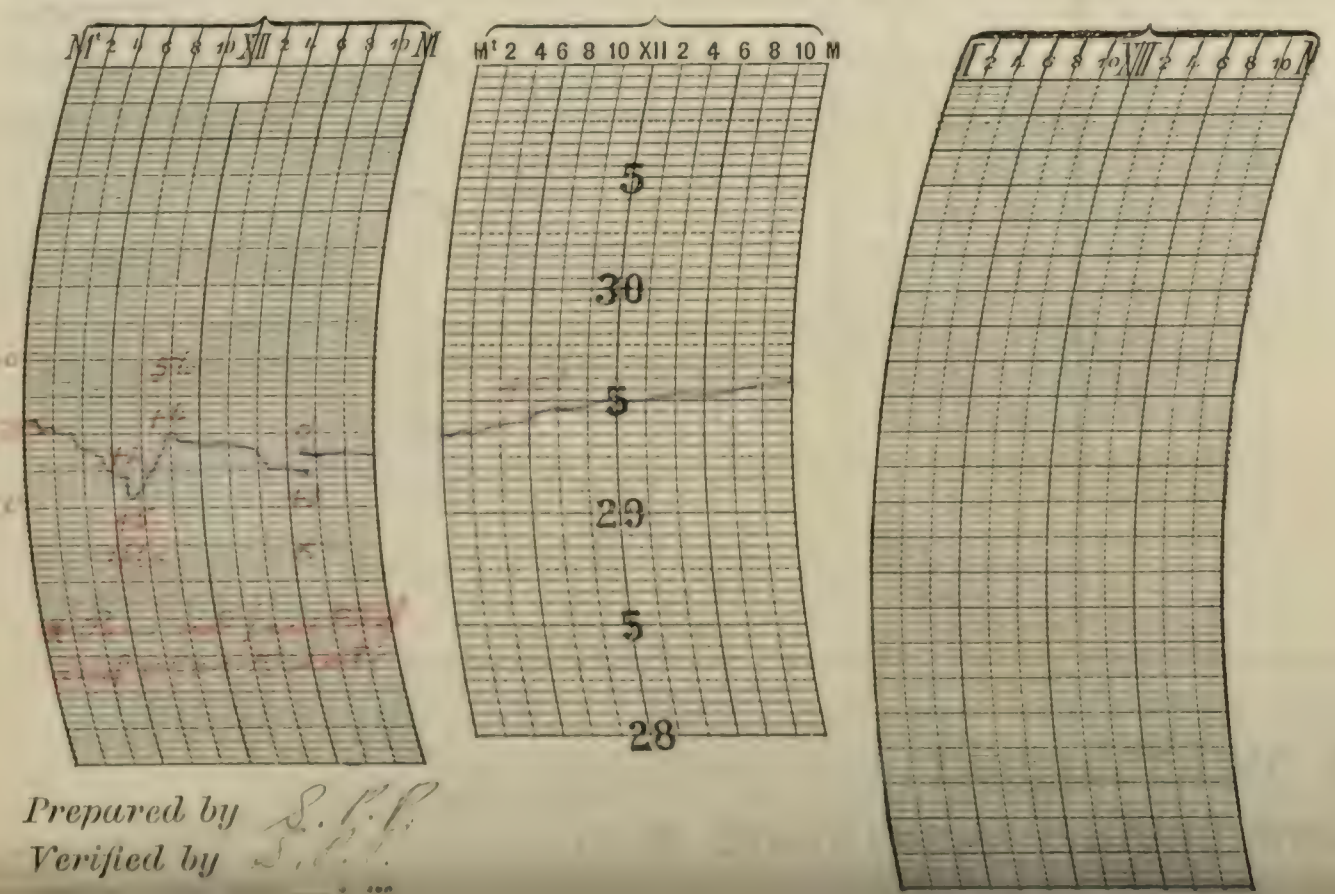
Maximum velocity,	Direction,	Time
~~Exposure~~ 15	NE	8:41 p. m.
Exposure 15	N	8:41 p. m.

Relative humidity, 93 a. m. p. m.

Reduced barometer, 30.03 a. m. p. m.

River gage, 17.7 Over night

NOTES.



Prepared by S. C. C.

Verified by S. C. C.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., *(Day of week)* Friday, *(Date)* OCT 2 1914, 191

Time (local standard), 90 mer.

	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	47	47	47	47	46	44	43	44	45	47	51	54	55	55	55	55	55	55	54	53	52	52	51	50
State of weather: Nature of precipitation and time of beginning and ending																		RB 5:00 RE 5:50						
Amounts of precipitation																		T						
Cloudiness and other conditions								Cloudy																
Sunrise: Time, 6:13 Character, Cloudy																					Sunset: Time, 5:08 Character, Cloudy			
Sunshine (in tenths of hours)							0	0	0	0	0.1	0.9	0.5	0	0	0	0	0						
Wind direction	NW	NW	NW	NW	NW	NW	N	N	N	N	E	NE	N	N	N	N	N	NW	O	NW	NW	E	SE	W
Wind movement	3	2	2	3	1	2	2	1	3	4	3	3	6	6	6	4	2	3	0	2	1	3	1	4
Maximum velocities (exceeding 25 miles)																								

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
55	43	49	50

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., T ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Cloudy (0) Moon phase,

Actual sunshine, hours, 1.5

Possible sunshine, hours, 10.9

Percentage of possible sunshine, 14

Prevailing direction North & Northwest

Total movement, 67

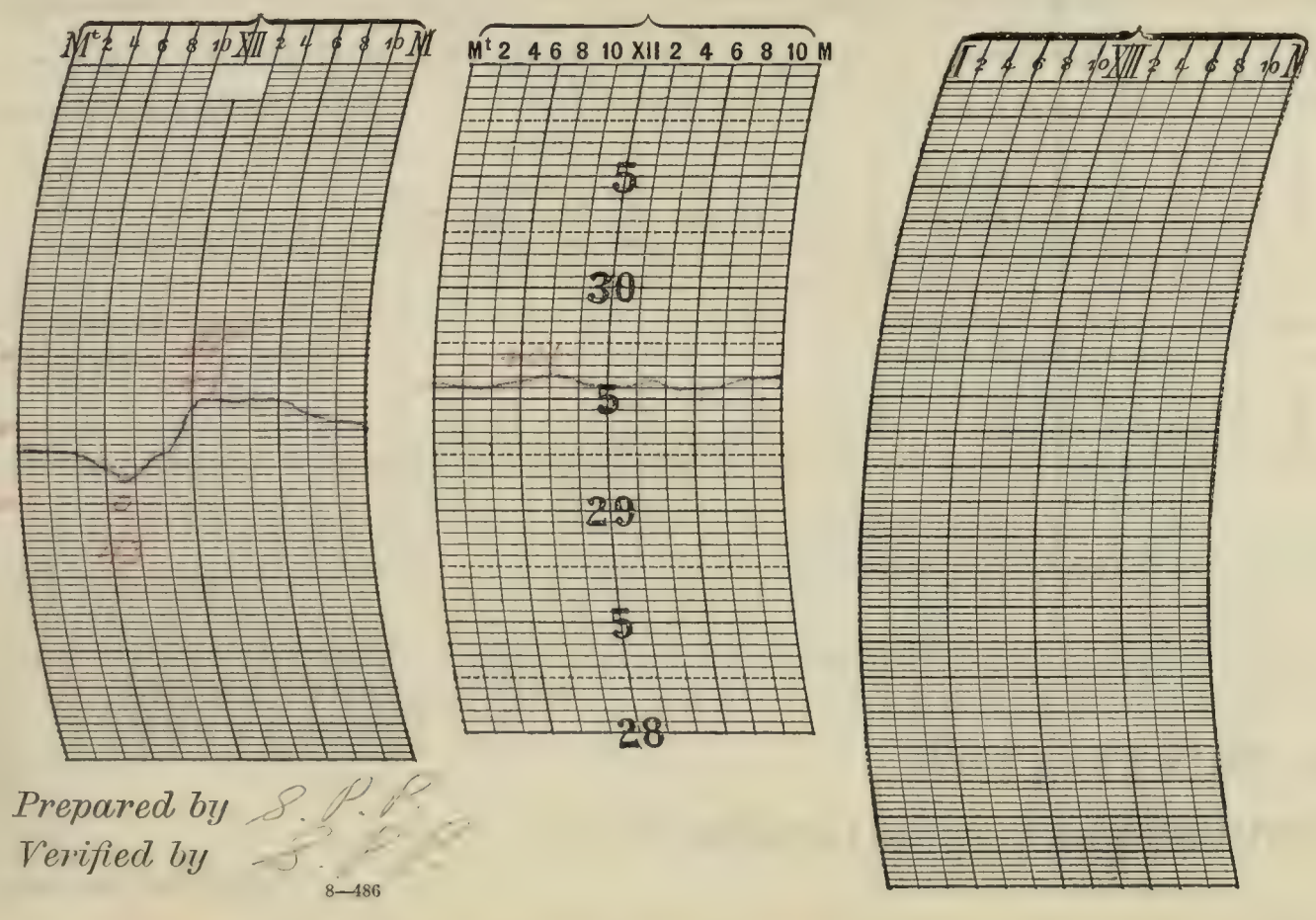
Average hourly velocity, 2.8

Maximum velocity,	Direction,	Time.
9	N	2:25 pm
Extreme velocity 9	N	2:25 pm

Relative humidity 88 a. m. ____ p. m.

Reduced barometer, 30.18 a. m. ____ p. m.

River gage, 17.5 falling



NOTES.

Prepared by S. P. C.

Verified by S. P. C.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Saturday, (Date) OCT 21 1911, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	49	48	46	44	43	41	39	40	42	44	45	46	47	47	45	45	44	43	41	41	[illegible]	[illegible]	[illegible]	[illegible]
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation															.02	.03	.01	.02	.02	.01	.01	T		
Cloudiness and other conditions			Clear			X	P.C.	X	Cloudy															
Sunshine (in tenths of hours)							0	0.4	0	0	0	0	0	0	0	0	0	0						
Wind direction	N	N	N	N	N	NW	NW	NW	N	N	N	N	N	N	N	NE	NW	NW	NW	N	NW	NW	N	NW
Wind movement	6	3	2	2	3	4	5	7	8	8	8	9	8	7	4	3	4	7	8	5	6	4	4	5
Maximum velocities (exceeding 25 miles)																								

Sunrise: Time, 6:14 Character, Cloudy

Sunset: Time, 5:07 Character, Cloudy

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
50	39	44	[illegible]

Total depth of snow for 24 hours ending 7 p. m., 0 inches

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., .10 ins.

Total precipitation, midnight to midnight, .12 inches.

Character of day, Cloudy (10) Moon phase, ● 10:09 pm

Actual sunshine, hours, 0.4

Possible sunshine, hours, 10.9

Percentage of possible sunshine, 4

Prevailing direction, North

Total movement, 130

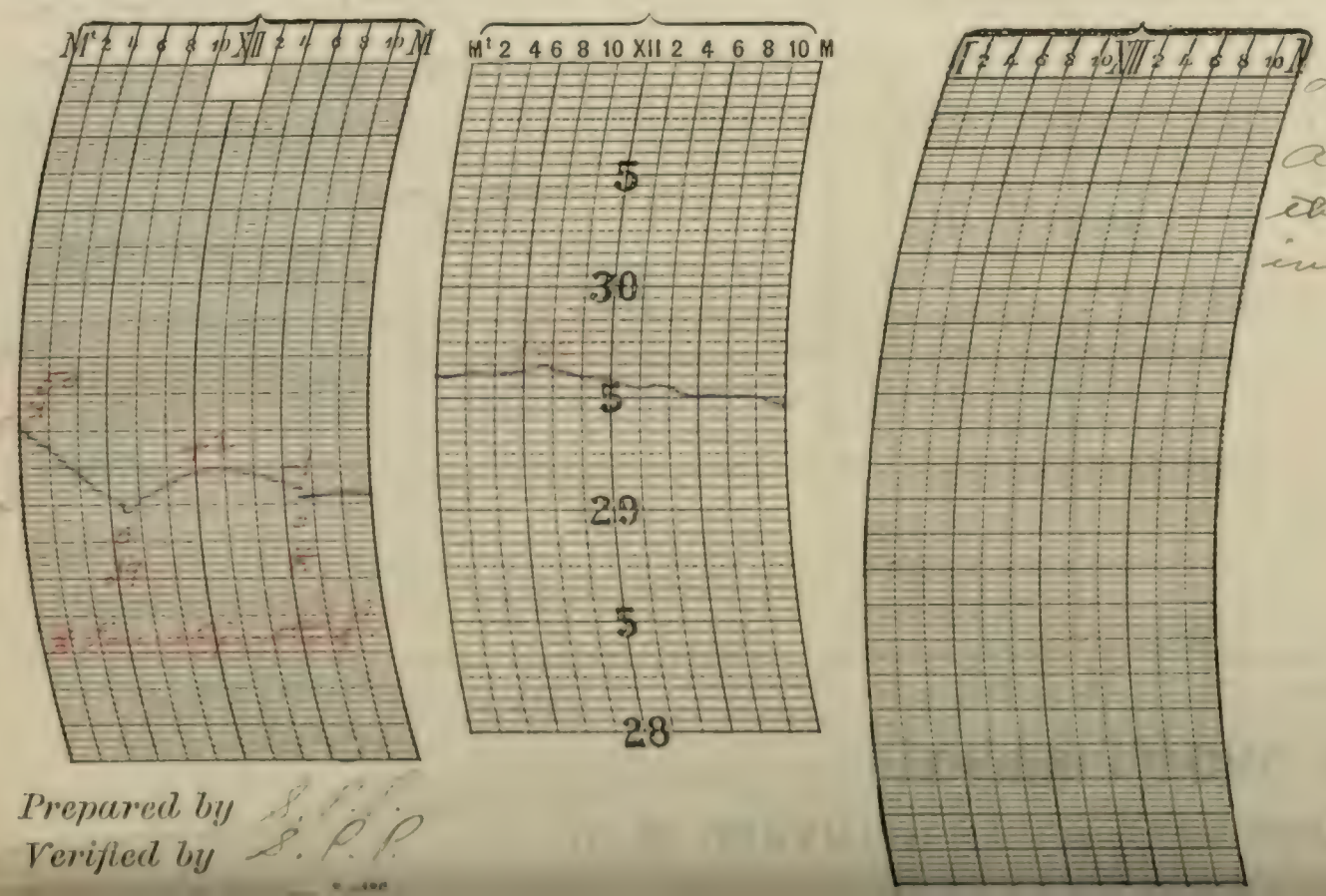
Average hourly velocity, 5.4

	Maximum velocity,	Direction,	Time.
	12	N	10:23 a.m.
Extreme velocity	12	N	10 p.m.

Relative humidity, 92 a. m. ____ p. m.

Reduced barometer, 30.22 a. m. ____ p. m.

River gage, 17.4



NOTES.

Light frost observed this morning. A warning of frost was received in the regular forecast at 8:40 am. All interests were notified.

Prepared by [illegible]

Verified by [illegible]

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE ILL., (Day of week) Sunday, (Date) OCT 29 1911, 191

Time (local standard), 90 mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	41	42	42	41	42	41	39	39	41	43	45	49	50	52	53	53	52	52	51	52	52	51	50	51
State of weather: Nature of precipitation and time of beginning and ending		R & D 2a																				RB 7:00	R & D 2p	
Amounts of precipitation		.01																				T	T	
Cloudiness and other conditions						Cloudy ×			Clear								× Cloudy							
Sunrise: Time, Character, 6:15 Cloudy																					Sunset: Time, Character, 5:06 Cloudy			
Sunshine (in tenths of hours)							0	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0	0						
Wind direction	W	W	W	W	W	W	W	W	W	W	W	W	SW	SW	SW	SW	SW	S	S	SW	SW	SW	SW	× SW
Wind movement	5	5	5	6	6	6	7	8	10	15	13	11	15	15	15	15	12	11	13	13	9	15	10	× 10
Maximum velocities (exceeding 30 miles)																								
Excessive precipitation, accumulated amounts																								

× Interpolated. Clock stopped.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
54	39	46	47

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .03 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, .01 inches.

Character of day, Pt. Cloudy (4) Moon phase,

Actual sunshine, hours, 8.2

Possible sunshine, hours, 10.8

Percentage of possible sunshine, 76

Prevailing direction, Southwest

Total movement, 250

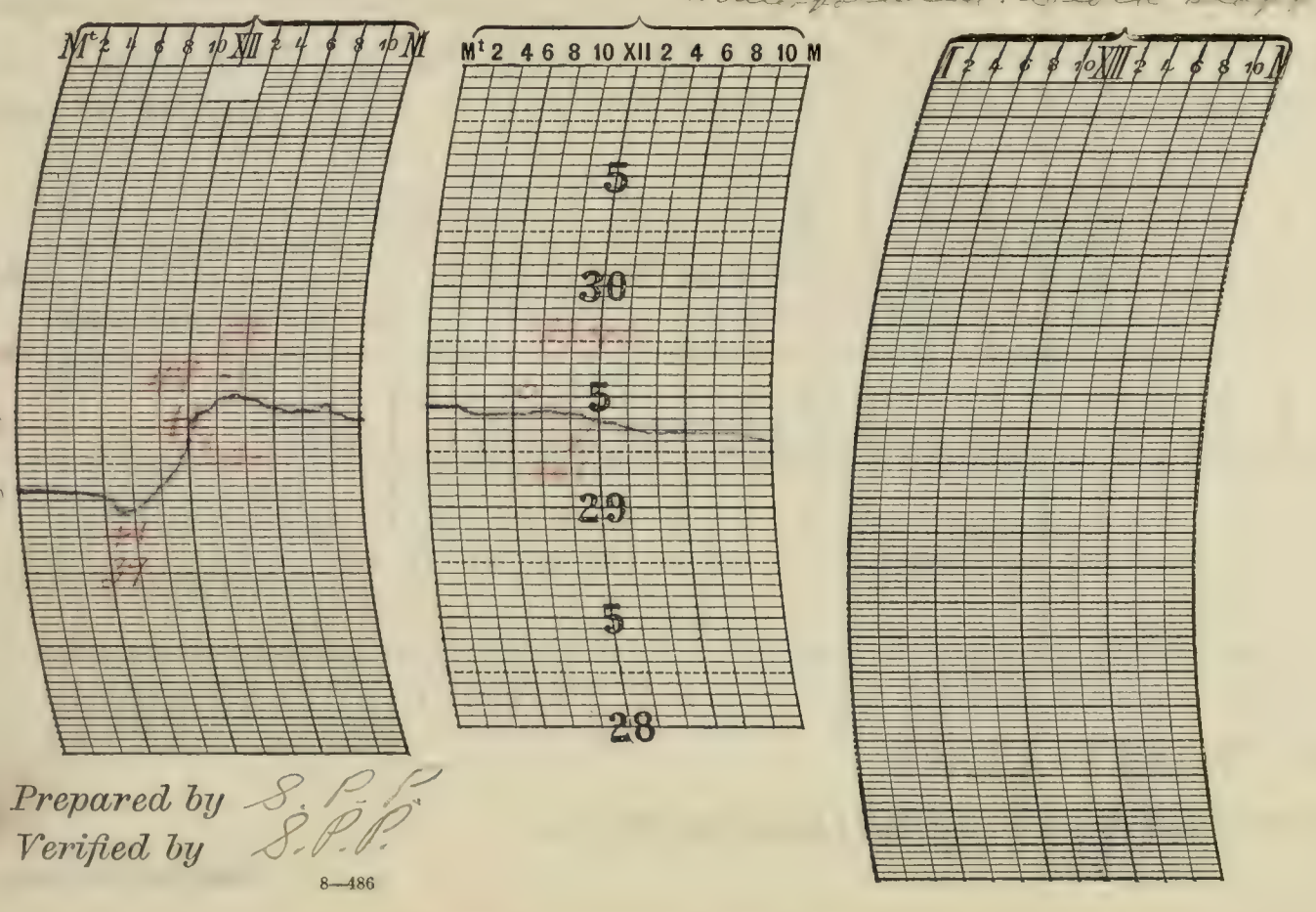
Average hourly velocity, 10.4

Maximum velocity,	Direction,	Time.
19	SW	1:27 pm
Extreme velocity 23	Φ SW	2:28 pm

Relative humidity, 84 a. m. p. m.

Reduced barometer, 30.01 a. m. p. m.

River gage, 17.3, falling



Φ For 23½ hrs.

NOTES.

Prepared by S. P. S.
Verified by S. P. S.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Monday, (Date) OCT 23 1911, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	45	45	45	44	43	43	41	41	42	44	45	45
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions				Cloudy			× Clear				× P.C.	×
Sunrise: Time, Character,	6:17 Cloudy											
Sunshine (in tenths of hours)							0	.5 0.5	.4 1.0	× 1.0	× 1.0	× 1.0
Wind direction	Ø W	Ø W	Ø W	Ø W	Ø W	Ø W	Ø W	W	W	W	W	W
Wind movement	Ø 13	Ø 15	Ø 16	Ø 16	Ø 14	Ø 14	Ø 14	16	19	20	21	22

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	40	46	49	48	47	46	45	43	41	40	38	37
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	× Cldy			× Pcldy			Clear					
Sunset: Time, Character,									5:04 Clear			
Sunshine (in tenths of hours)	0.6	0.6	1.0	0.8	.3 0.7	.07 C						
Wind direction	W	W	W	W	W	W	W	W	W	W	W	W
Wind movement	20	17	17	16	12	5	3	3	1	2	3	2

Maximum velocities (exceeding 20 miles)

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
51	38	44	49

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., T ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day Pcldy Moon phase

Actual sunshine, hours, 9.5

Possible sunshine, hours, 10.5

Percentage of possible sunshine 88

Prevailing direction W

Total movement, 301

Average hourly velocity, 12.5

Maximum velocity,	Direction,	Time
24	W	11:52 am
Extreme velocity 26	W	11:52 "

Relative humidity, 77 a. m. ..... p. m.

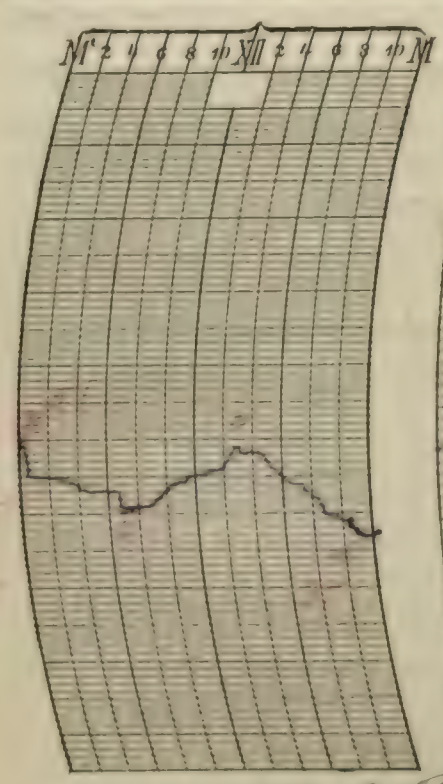
Reduced barometer, 29.99 a. m. ..... p. m.

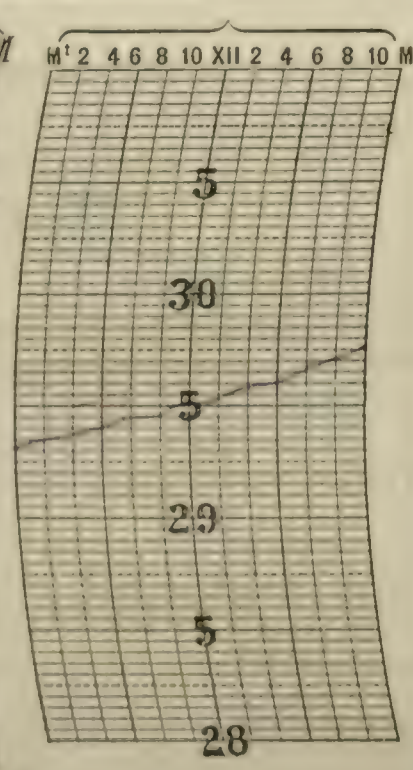
River gage, 17.5, rising

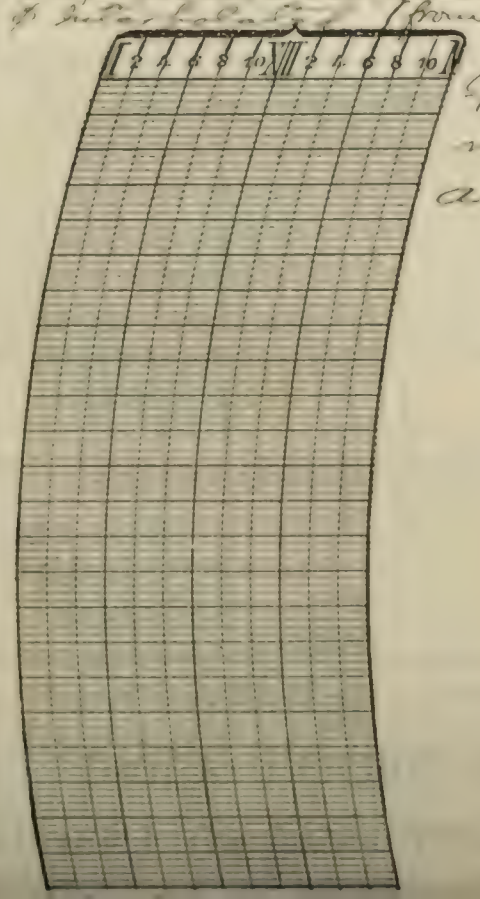
NOTES.

Clock stopped to 6:42 am. Disconnected for repairs from 8:52 am to 11:41 am.

Frost warning contained in forecast message received this morning at 8:50 am. All interests notified.







Prepared by S. P. C.

Verified by S. P. C.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Tuesday, (Date) OCT 24 1911, 191

Time (local standard) 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	38	37	37	35	35	35	32	33	42	45	48	52
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					clear			×		Cloudy		
Sunrise: Time, Character,	6:18 Clear											
Sunshine (in tenths of hours)							70 0	0.3 0.7	1.0	1.0	1.0	1.0
Wind direction	W	W	W	W	O	W	W	NE	SE	SE	SE	S
Wind movement	3	2	2	1	0	2	2	3	2	3	6	6
Maximum velocities (exceeding 25 miles)												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	56	56	56	56	55	55	53	52	50	49	47	46
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					×	Partly			Moon		Clear	
Sunset: Time, Character,									5:03 Clear			
Sunshine (in tenths of hours)	1.0	1.0	× 1.0	× 0.8	× 0.8	× .05						
Wind direction	S	S	S	SE	SE	SE	SE	SE	S	S	S	S
Wind movement	7	9	7	9	7	6	7	6	7	6	4	3
Maximum velocities (exceeding 25 miles)												

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
56	32	44	45

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Partly (7) Moon phase,

Actual sunshine, hours, 10.4

Possible sunshine, hours, 10.8

Percentage of possible sunshine, 96

Prevailing direction Southeast & South

Total movement, 110

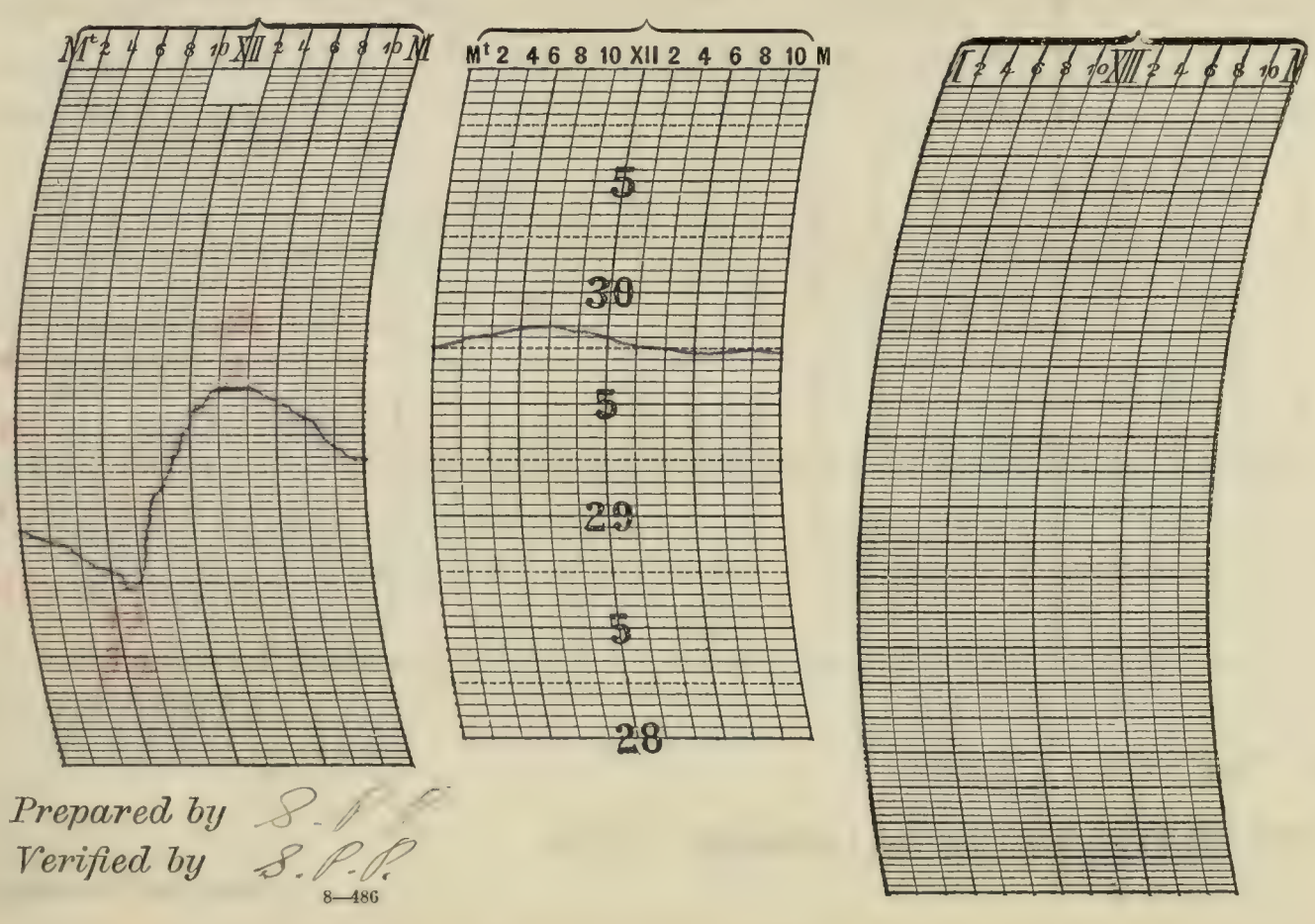
Average hourly velocity, 4.6

Maximum velocity,	Direction,	Time.
10	SE	3:36 pm
extreme velocity 10	SE	3:36 pm

Relative humidity, 95 a. m. p. m.

Reduced barometer, 30.44 a. m. p. m.

River gage, 17.8, rising



NOTES.

Killing frost observed this morn

Prepared by S. P. P.

Verified by S. P. P.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Wednesday, (Date) OCT 25 1911, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	45	45	45	45	45	45	43	45	52	55	57	58
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions				Clear								×
Sunshine (in tenths of hours)							.6	1.0	1.0	1.0	1.0	1.0
Wind direction	S	S	S	SW	SW	SW	SW	SW	SW	SW	W	W
Wind movement	3	4	2	6	7	5	6	7	7	12	11	1

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	58	58	58	54	51	50	50	47	45	44	44	44
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Pcldy				×	Cloudy				×	Clear	
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	0.4	0						
Wind direction	W	W	W	W	W	W	W	W	W	W	W	W
Wind movement	8	8	8	13	11	8	7	7	6	5	6	4

Sunrise: Time, 6:19 Character, Clear

Sunset: Time, 5:01 Character, Cloudy

Maximum velocities (exceeding 20 miles)

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

× Expe. obs. on p. [illegible]

	Maximum.	Minimum.	Mean.	Normal.
	58	43	52	46.5

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Pcldy (4) Moon phase,

Actual sunshine, hours, 10.1

Possible sunshine, hours, 10.7

Percentage of possible sunshine, 94

Prevailing direction, West

Total movement, 175

Average hourly velocity, 7.3

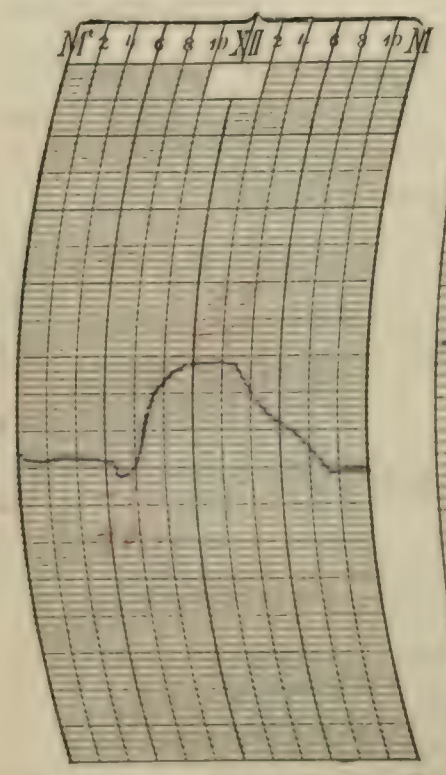
Maximum velocity,	Direction,	Time.
15	SW	10:00 am
Extreme 17	SW	10:05 am

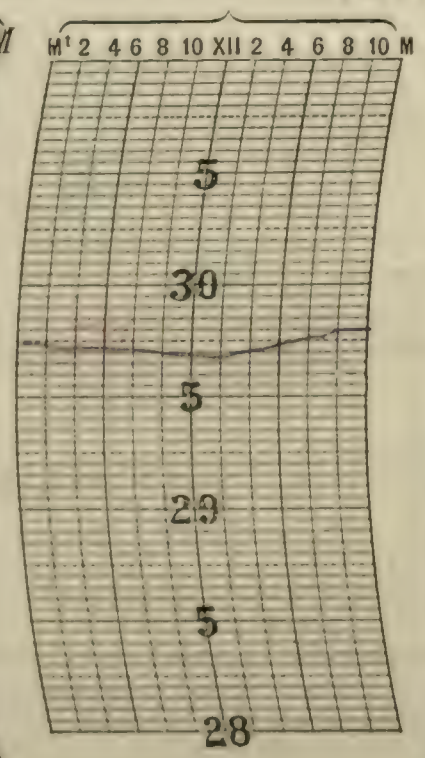
Relative humidity, 74 a. m. p. m.

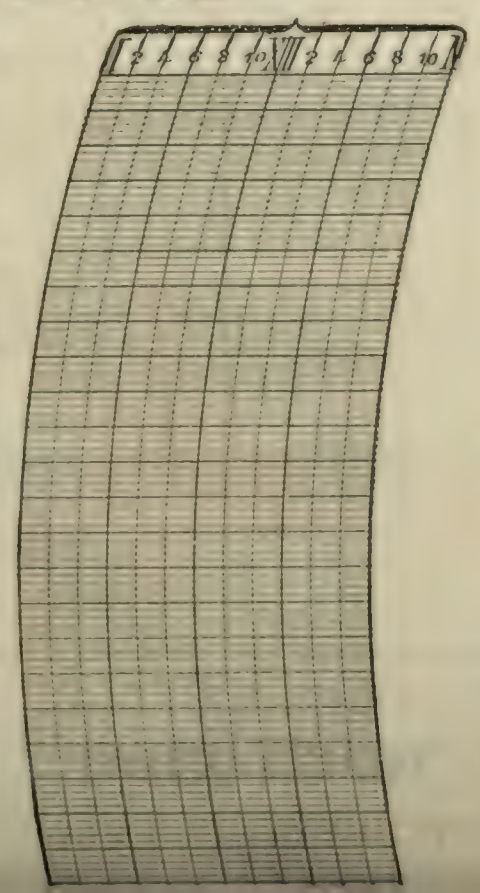
Reduced barometer, 30.29 a. m. p. m.

River gage, 18.0, rising (10:00 am, 18.0; 5:00 pm, 18.0)

NOTES.







Prepared by S. P. P.

Verified by S. P. P.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) [illegible], (Day of week) Thursday, (Date) [illegible], 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	40	39	39	38	37	36	34	36	39	45	49	51
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					Clear				Ptly		Cloudy	
Sunrise: Time, Character, 6:20 Cloudy												
Sunshine (in tenths of hours)							.47 0	0.3 0.7	0.7	1.0	1.0	1.0
Wind direction	N	NE	NE	NE	N	N	N	NE	NE	NE	NE	NE
Wind movement	6	5	3	4	4	1	5	3	4	6	7	3
Maximum velocities (exceeding 15 miles)												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	51	51	50	44	40	37	34	33	33	33	33	33
State of weather: Nature of precipitation and time of beginning and ending					RB 4:20		RE 6:25 RS 6:25	RS 7:05 SM B 7:05		SME	SK	
Amounts of precipitation					T	.01	.02		.01			
Cloudiness and other conditions												
Sunset: Time, Character, 5:00 Cloudy												
Sunshine (in tenths of hours)	1.0	0.4	0	0	0							
Wind direction	N	NW	N	N	N	N	NE	NE	N	N	N	N
Wind movement	5	6	10	13	12	8	7	6	4	7	6	6
Maximum velocities (exceeding 15 miles)												

Maximum.	Minimum.	Mean.	Normal.
51	33	42	

Total depth of snow for 24 hours ending 7 p. m., T* inches.

Snow on ground 7 p. m., 0 inches. * Melted as it fell.

Total snowfall, midnight to midnight, T* inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., .03 ins.

Total precipitation, midnight to midnight, .04 inches.

Character of day, Cloudy (8) Moon phase,

Actual sunshine, hours, 6.6

Possible sunshine, hours, 10.7

Percentage of possible sunshine, 62

Prevailing direction North

Total movement, 141

Average hourly velocity, 5.9

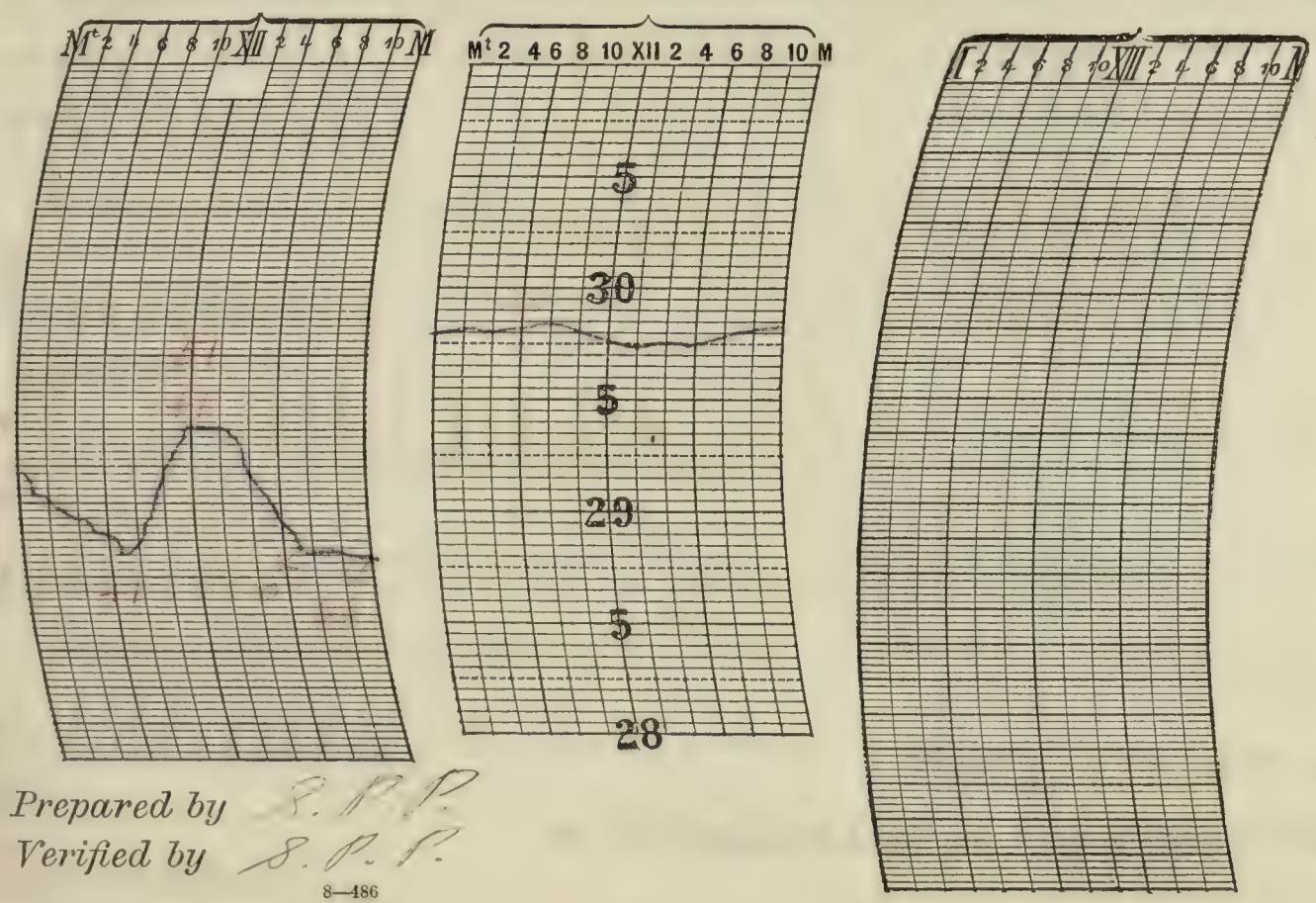
Maximum velocity,	Direction,	Time.
17	N	3:34 pm
Extreme velocity 18	N	3:34 pm

Relative humidity, 81 a. m. ____ p. m.

Reduced barometer, 30.41 a. m. ____ p. m.

River gage, 17.9, falling

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.



NOTES.

First snowfall of the season occurred this date.

Prepared by S. P. P.

Verified by S. P. P.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Friday, (Date) OCT [illegible] 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	32	31	30	30	30	31	31	32	33	36	38	41	41	43	43	43	43	42	40	39	38	37	36	36
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions		—	Clear			× Cloudy			× Pt Cldy				× Clear											
Sunrise: Time, Character,	6:21 Cloudy																				Sunset: Time, Character, 4:59 Clear			
Sunshine (in tenths of hours)							0	0.3 (0.3)	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4 (.58)							
Wind direction	N	NW	NW	NW	NW	NW	NW	NW	N	N	NW	NW	N	NW	N	N	N	N	N	N	N	O	N	N
Wind movement	6	5	5	4	2	5	4	5	7	[illegible]	[illegible]	[illegible]	9	8	8	6	4	3	5	4	2	0	1	1
Maximum velocities (exceeding 25 miles)																								

	Maximum.	Minimum.	Mean.	Normal.
	44	30	37	45

Total depth of snow for 24 hours ending 7 p. m., 1 inches. *Melted as it fell.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .01 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day: Pt Cldy (+) Moon phase

Actual sunshine, hours, 9.5

Possible sunshine, hours, 10.6

Percentage of possible sunshine, 90

Prevailing direction North

Total movement, 119

Average hourly velocity, 5.0

Maximum velocity,	Direction,	Time
14	N	[illegible]
Subsequent, 14	N	

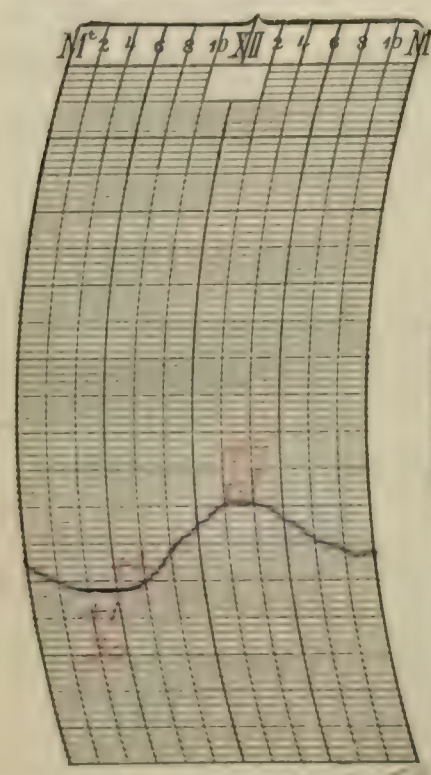
Relative humidity, 87 a. m. p. m.

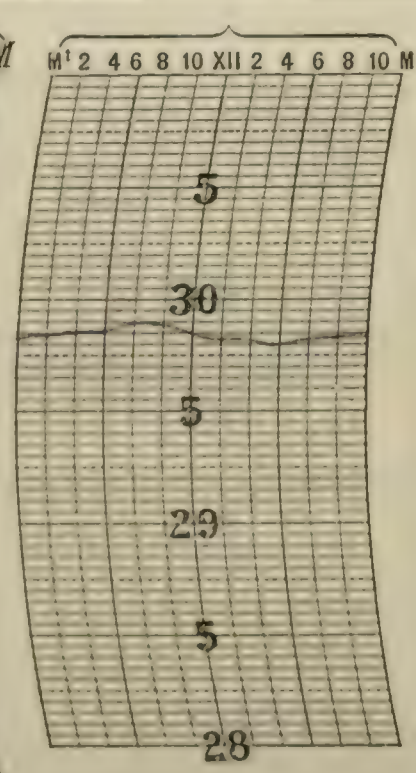
Reduced barometer, 30.[illegible] a. m. p. m.

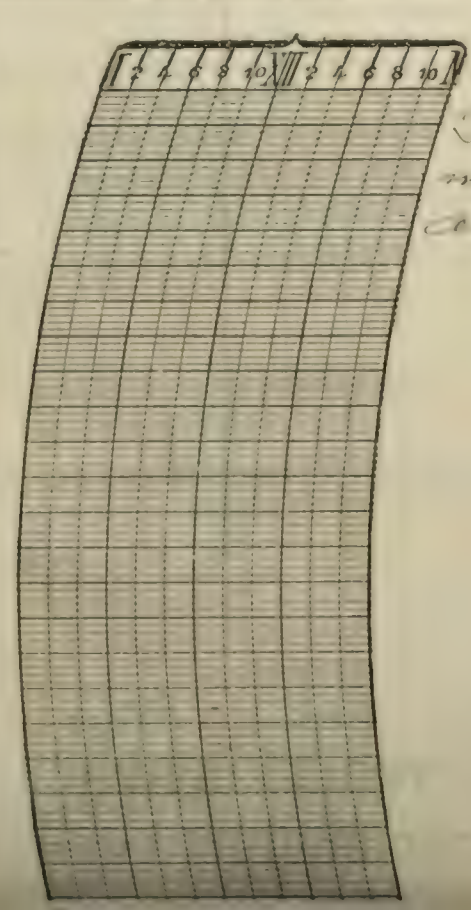
River gage, 1.7.8, falling

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.







NOTES.

Heavy deposit of frost occurred this morning. Frost warning contained in forecast message received at 8:40 this morning. All interests notified.

Prepared by [illegible]

Verified by [illegible]

Form No. 1011—Met. I.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Saturday, (Date) OCT 28 1911, 191

Time (local standard), 90 mer.

1 hours slower than 75th meridian time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	36	36	35	35	34	33	30	32	38	40	43	44	46	47	48	48	47	45	42	40	37	36	35	3[illegible]
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					Cloudy				x Clear											Moon visible				
Sunrise: Time, Character,	6:22 Cloudy																				Sunset: Time, Character, 4:57 Clear			
Sunshine (in tenths of hours)							0	x 0.5	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.75 1.0							
Wind direction	O	N	O	N	N	NW	NW	NW	NW	W	W	W	W	W	W	SW	W	W	W	W	W	W	W	W
Wind movement	0	1	0	1	2	3	1	1	4	6	5	8	7	7	9	8	5	4	3	1	1	2	2	4
Maximum velocities (exceeding 40 miles)																								

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

x Eye observation.

	Maximum.	Minimum.	Mean.	Normal.
	48	30	39	46

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear (2) Moon phase,

Actual sunshine, hours, 9.0

Possible sunshine, hours, 10.6

Percentage of possible sunshine, 85

Prevailing direction West

Total movement, 85

Average hourly velocity, 3.5

Maximum velocity,	Direction,	Time.
14	W	2:52 pm
Extreme velocity 15	W	2:52 pm

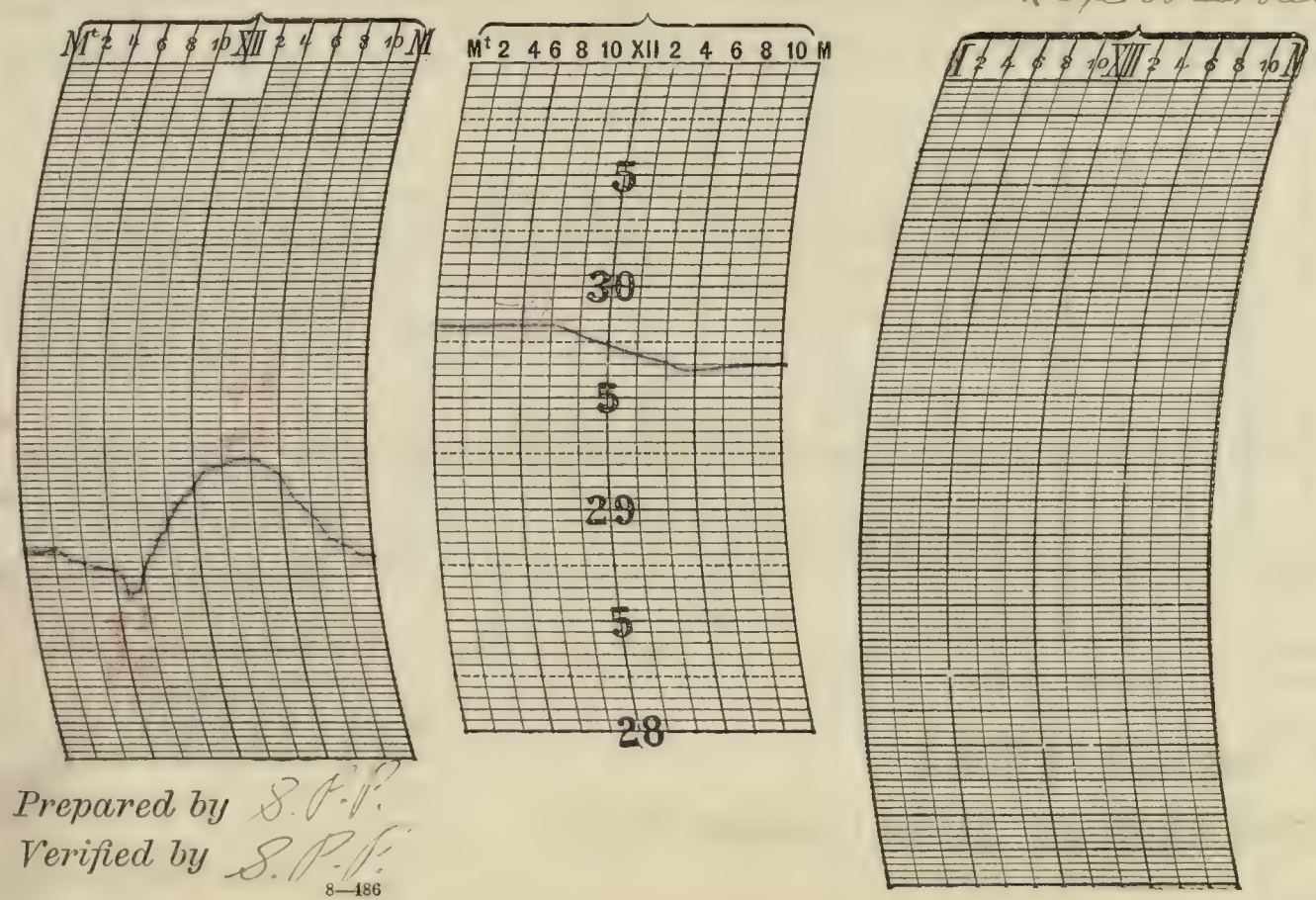
Relative humidity, 95 a. m. p. m.

Reduced barometer, 30.41 a. m. p. m.

River gage, 17.6, falling

NOTES.

Heavy deposit of frost observed this morning



Prepared by S. P. V.

Verified by S. P. V.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Sunday, (Date) OCT 29 1911, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	34	34	33	33	33	33	33	34	37	43	47	[illegible]
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions								Clear				
Sunrise: Time, Character, 6:24 Clear												
Sunshine (in tenths of hours)							.60 0	.61 0.9	1.0	1.0	1.0	1.0
Wind direction	N	N	N	N	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	3	3	3	4	6	5	5	6	8	9	13	16
Maximum velocities (exceeding 25 miles)												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	51	53	54	53	52	50	47	45	44	43	43	45
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions				×	Cloudy			Moon visible				
Sunset: Time, Character, 4:56 Clear												
Sunshine (in tenths of hours)	1.0	1.0	1.0	× 1.0	.43 .50							
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	16	15	14	13	10	6	8	9	7	4	7	7
Maximum velocities (exceeding 25 miles)												

	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

	Maximum.	Minimum.	Mean.	Normal.
	54	33		

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear ① Moon phase.

Actual sunshine, hours, 10.5

Possible sunshine, hours, 10.5

Percentage of possible sunshine, 100

Prevailing direction, Southwest

Total movement, 197

Average hourly velocity, 8.2

	Maximum velocity,	Direction,	Time.
	18	SW	12:29 pm
Extreme velocity	20	SW	11:19 am

Relative humidity, 85 a. m. ____ p. m.

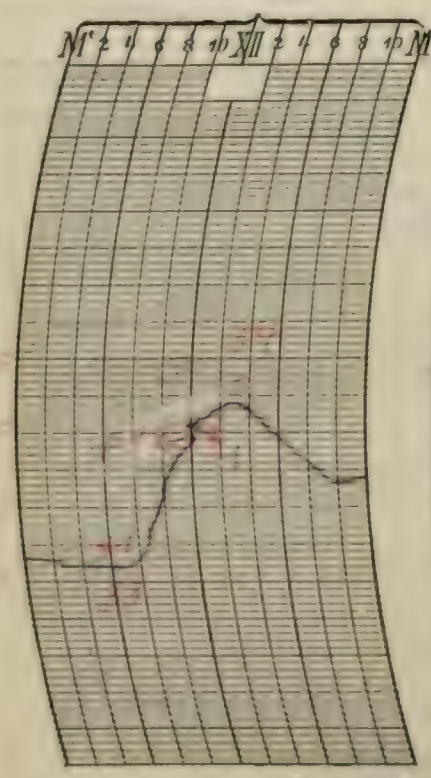
Reduced barometer, 30.22 a. m. ____ p. m.

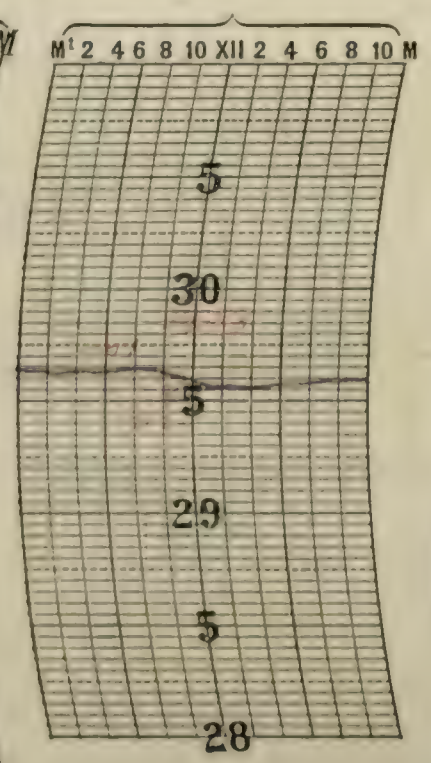
River gage, 17.4, falling

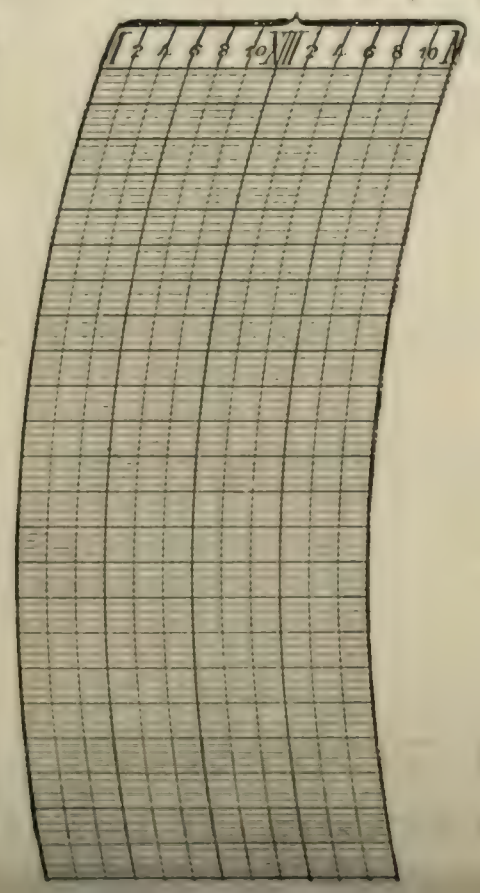
× Eye observation

NOTES.

Heavy deposit of frost observed this am.







Prepared by S.

Verified by

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Monday, (Date) OCT 30 1911, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	44	44	44	44	44	44	42	42	43	43	43	43
State of weather: Nature of precipitation and time of beginning and ending		RB			Ra							
Amounts of precipitation					.11			X				.34
Cloudiness and other conditions								Cloudy				
Sunrise: Time, Character	6:25 Cloudy											
Sunshine (in tenths of hours)							0	0	0	0	0	0
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	S	S	S	SE
Wind movement	7	7	4	4	2	2	4	3	3	3	3	2

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	44	44	44	44	44	44	44	44	44	44	[illegible]	[illegible]
State of weather: Nature of precipitation and time of beginning and ending									RE	Up		
Amounts of precipitation							X	.09				
Cloudiness and other conditions												
Sunset: Time, Character									4:55 Cloudy			
Sunshine (in tenths of hours)	0	0	0	0	0							
Wind direction	SE	E	E	E	E	NE	E	NE	NE	NE	N	N
Wind movement	4	4	5	6	5	5	3	3	4	4	5	5

Maximum velocities (exceeding 25 miles)

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal
45	42	44	40

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .11 ins.; to 7 p. m., .34 ins.

Total precipitation, midnight to midnight, .54 inches.

Character of day, Cloudy (10) Moon phase, ☽ 12:41 am

Actual sunshine, hours, 0

Possible sunshine, hours, 10.5

Percentage of possible sunshine, 0

Prevailing direction, Southwest

Total movement, 97

Average hourly velocity, 4.0

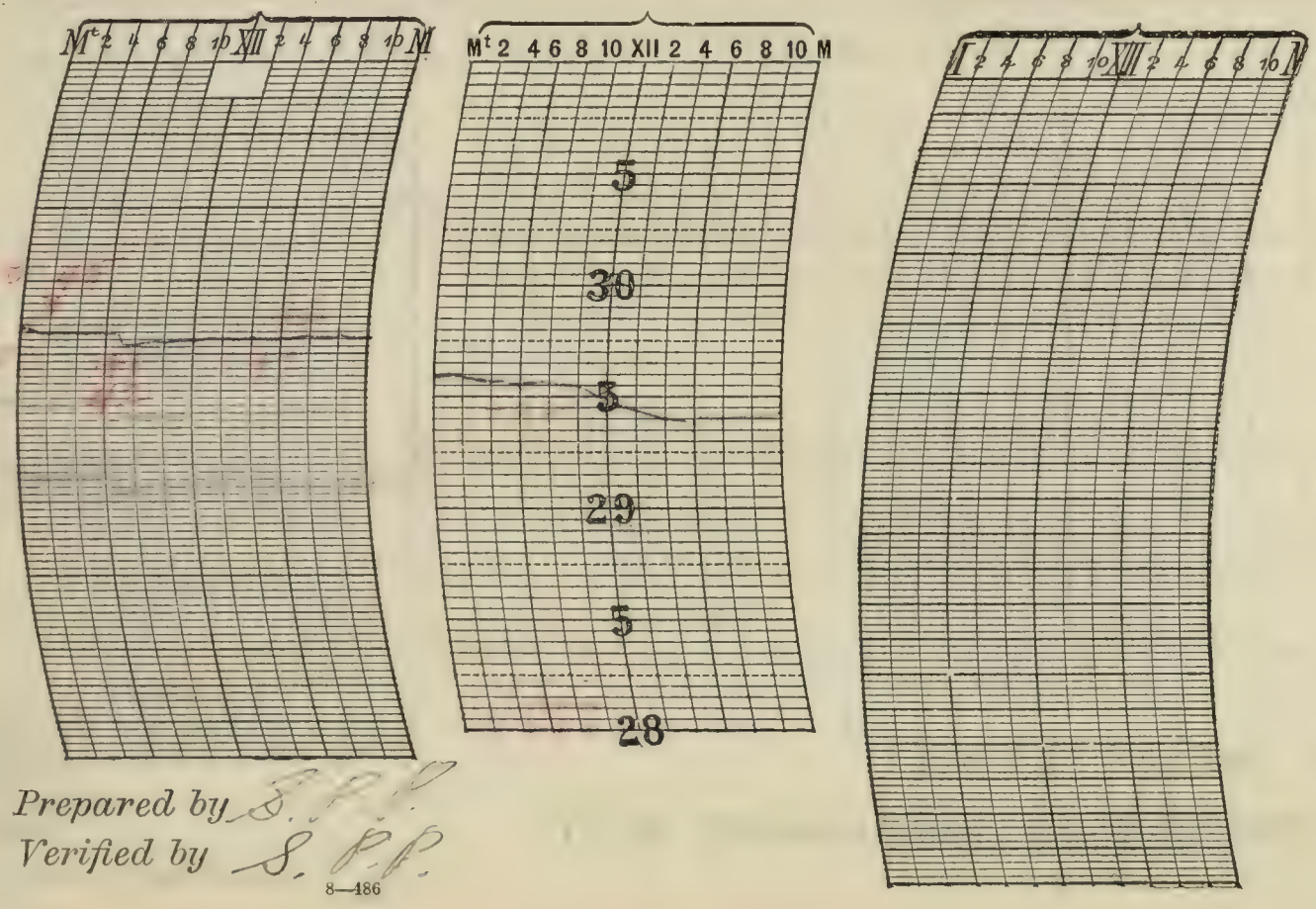
	Maximum velocity,	Direction,	Time.
	9	SW	12:23 am.
Extreme velocity	9	SW	12:23 am

Relative humidity, 98 a. m. ____ p. m.

Reduced barometer, 30.14 a. m. ____ p. m.

River gage, 17.0, falling

NOTES.



Prepared by S. P. P.

Verified by S. P. P.

8—186

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL, (Day of week) Tuesday, (Date) OCT 31 1911, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	44	43	43	43	43	43	43	44	43	43	44	45	45	48	48	47	47	45	45	44	43	[illegible]	38	37
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions							Cloudy							Pt cloudy	Cloudy	Cloudy	Clear							
Sunrise: Time, Character,	6:26 Cloudy																				Sunset: Time, Character,	4:53 Cloudy		
Sunshine (in tenths of hours)							0	0	0	0	0.1	0.4	0.8	0.8	0.9	0.2	0							
Wind direction	N	nw	nw	nw	nw	w	w	nw	nw	nw	nw	w	w	w	w	w	w	nw	nw	nw	nw	nw	nw	nw
Wind movement	6	6	4	4	4	5	5	6	8	8	7	7	8	10	10	9	9	6	4	4	2	3	4	3
Maximum velocities (exceeding 25 miles)																								

Excessive precipitation, accumulated amounts.	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

	Maximum.	Minimum.	Mean.	Normal.
	48	37	[illegible]	[illegible]

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .07 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Cloudy (9) Moon phase,

Actual sunshine, hours, 3.2

Possible sunshine, hours, 10.4

Percentage of possible sunshine, 31

Prevailing direction, Northwest

Total movement, 142

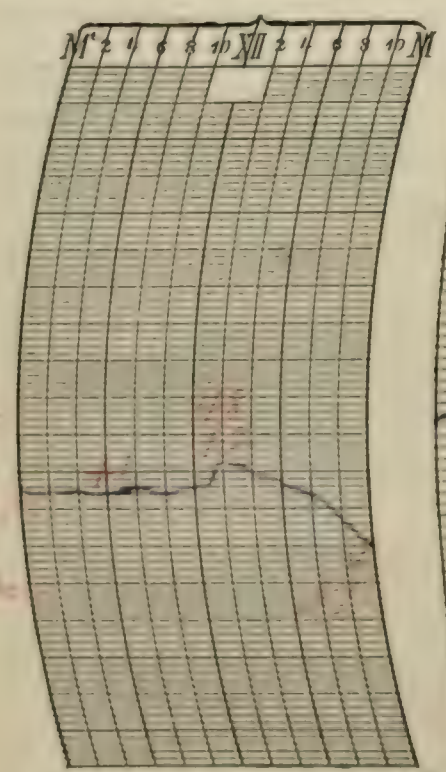
Average hourly velocity, 5.9

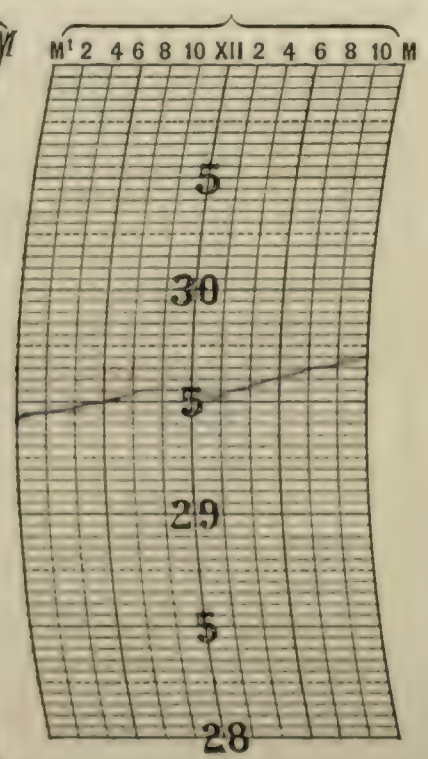
	Maximum velocity.	Direction.	Time.
	12	nw	2:24 p.m.
Resume velocity	12	nw	2:24 p.m.

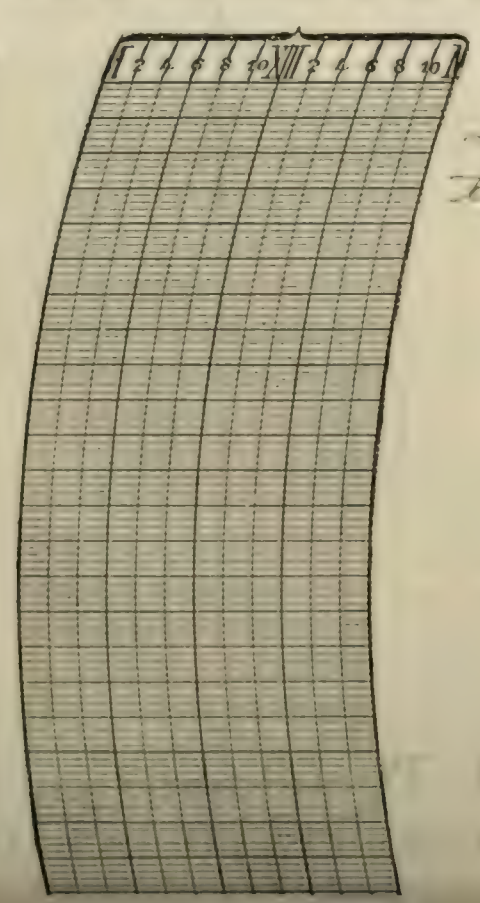
Relative humidity, [illegible] a. m. [illegible] p. m.

Reduced barometer, [illegible] a. m. [illegible] p. m.

River gage, 17.0, on stand







NOTES.

Frost warning contained in forecast message received at 8:45 a.m. today. All interests notified.

Prepared by [illegible]

Verified by [illegible]

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Wednesday, (Date) NOV 1 1911, 191

Time (local standard), 90 mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	36	34	33	33	32	32	30	30	32	36	37	35	34	31	31	32	30	28	27	27	27	25	23	23
State of weather: Nature of precipitation and time of beginning and ending														S B 1:05 E 1:45										
Amounts of precipitation																								
Cloudiness and other conditions						Clear							×P.C.	×Cldy	×P.C.	×Cloudy					Mostly Cloudy ×Clear			
Sunrise: Time, Character	6:27 Clear																							
Sunset: Time, Character																					4:52 Cloudy			
Sunshine (in tenths of hours)							.55 0	0.2 0.8	1.0	1.0	∅ 1.0	0.2	0	0	0.1	0.3	0							
Wind direction	NW	NW	NW	W	W	W	W	W	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW
Wind movement	2	4	4	3	3	3	5	9	12	14	13	18	17	18	16	16	14	17	16	12	14	14	13	13
Maximum velocities (exceeding 25 miles)																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
37	23	30	44

Total depth of snow for 24 hours ending 7 p. m., T inches. ×

Snow on ground 7 p. m., 0 inches. × melted as it fell.

Total snowfall, midnight to midnight, T inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, T inches.

Character of day Pt Cldy (5) Moon phase,

Actual sunshine, hours, 05.2

Possible sunshine, hours, 10.4

Percentage of possible sunshine, 50

Prevailing direction Northwest

Total movement, 270

Average hourly velocity, 11.2

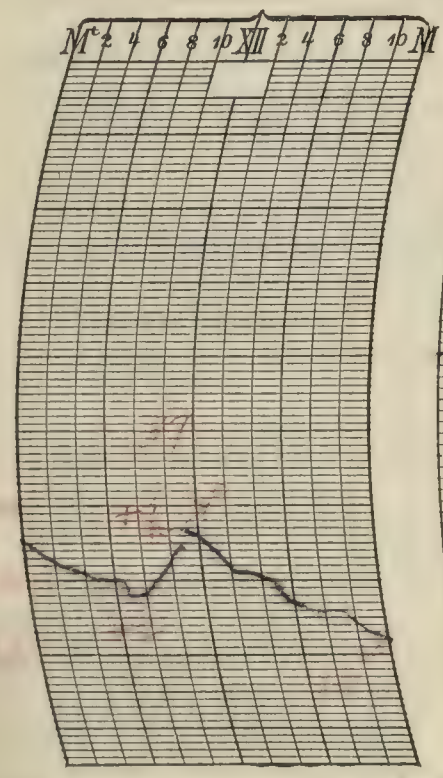
Maximum velocity,	Direction,	Time.
22	NW	1:47 pm
Extreme velocity 25	NW	5:00 pm

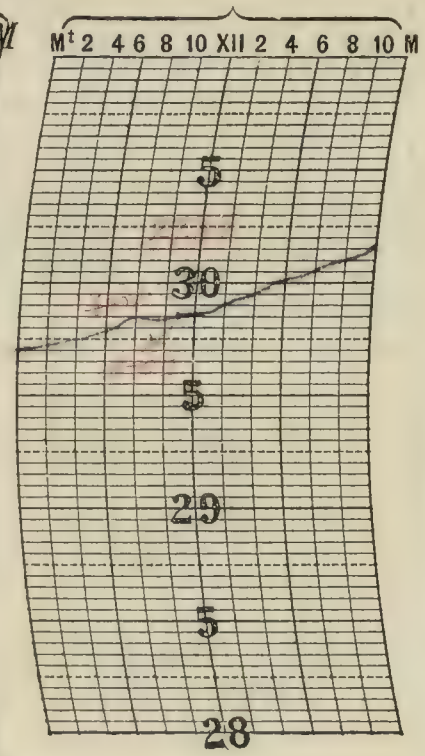
Relative humidity, 84 a. m. p. m.

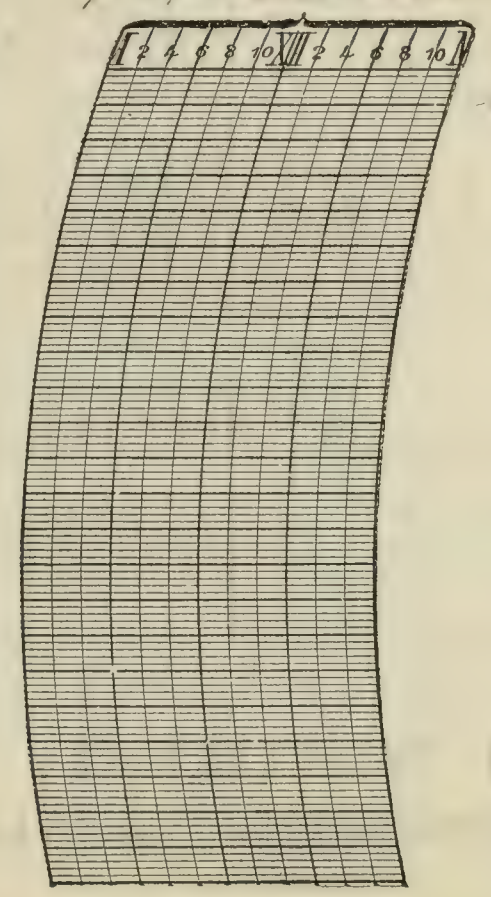
Reduced barometer, 30.42 a. m. p. m.

River gage, 17.0, On stand.

∅ Eye observation







NOTES.

Heavy deposit of frost observed this morning.

Prepared by S. P. F.

Verified by S. P. F.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Thursday, (Date) NOV 2 1911, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	22	22	21	21	20	19	19	20	23	27	29	31	33	33	35	35	34	33	33	32	32	31	27	7
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions										Clear										Hazy	visibe			
Sunrise: Time, Character,	6:28 Clear																				Sunset: Time, Character, 4:51 Clear			
Sunshine (in tenths of hours)							.53 0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.75 0.10							
Wind direction	W	W	W	W	W	N	W	W	W	W	W	W	N	W	N	N	N	N	N	N	N	N	N	N
Wind movement	12	8	8	7	7	7	8	9	12	9	10	9	9	9	8	7	7	4	5	4	4	5	3	3
Maximum velocities (exceeding 25 miles)																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Maximum.	Minimum.	Mean.	Normal.
35	19	27	[illegible]

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear (2) Moon phase.

Actual sunshine, hours, 10.4

Possible sunshine, hours, 10.4

Percentage of possible sunshine, 100

Prevailing direction East & North

Total movement, 176

Average hourly velocity, 7.3

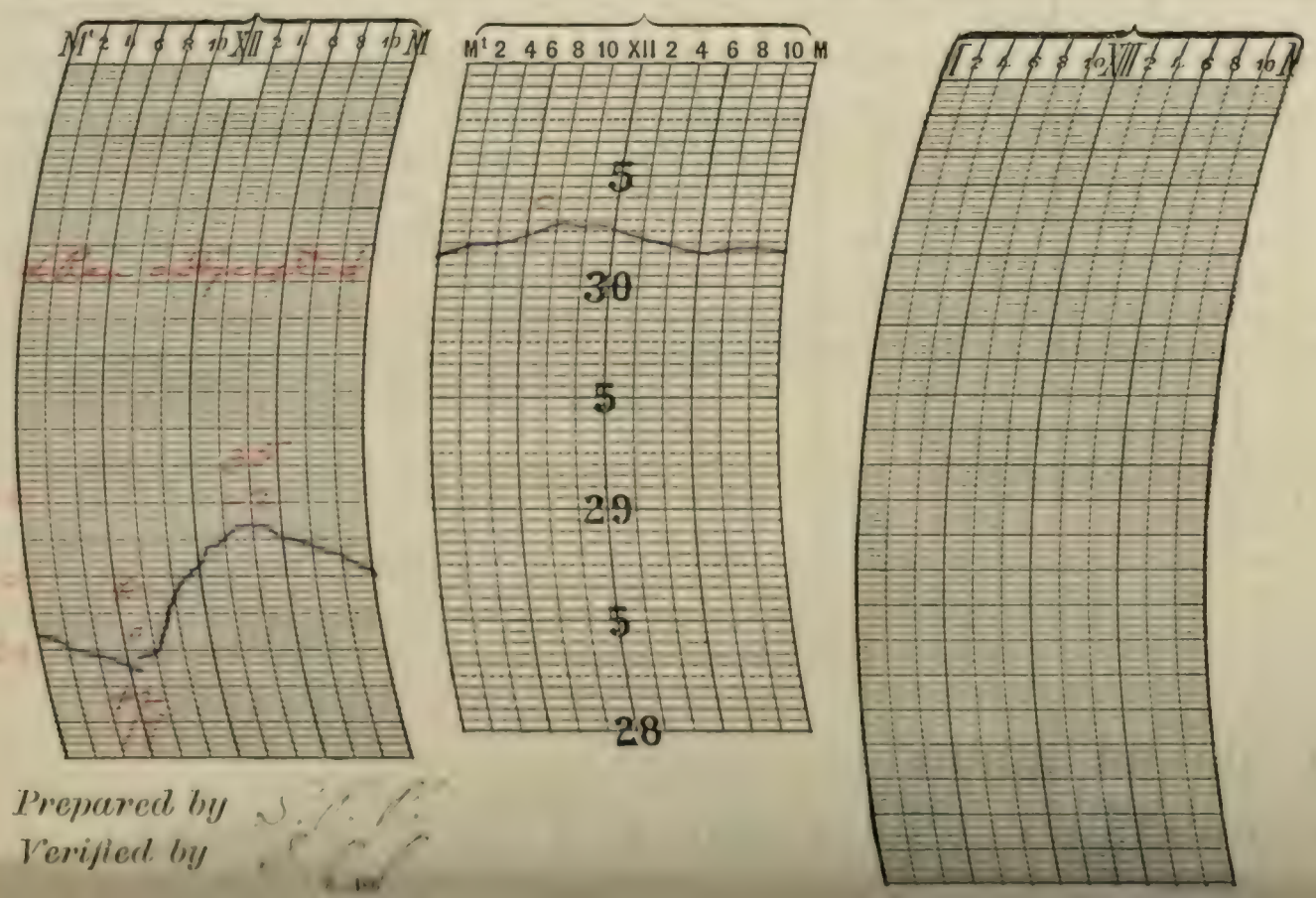
Maximum velocity,	Direction,	Time.
14	NW	12 5 p.m.
Extreme velocity 14	NW	12 5 p.m.

Relative humidity, 85 a. m. ____ p. m.

Reduced barometer, 30.58 a. m. ____ p. m.

River gage, 16.9, falling

NOTES.



Prepared by [illegible]

Verified by [illegible]

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Friday, (Date) NOV 3 1911, 191

Time (local standard), 90 mer.

	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	26	25	25	25	24	24	22	23	26	32	32	35	36	38	38	38	37	36	36	36	36	36	36	36
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					Clear				Pt Cldy		Cloudy		Pt Cldy		Cloudy									
	Sunrise: Time, 6:30 Character, Clear																				Sunset: Time, 4:50 Character, Cloudy			
Sunshine (in tenths of hours)							.50 0	0.3 0	0.1	1.0	0.6	0.7	0.9	0.8	0	0	0							
Wind direction	W	W	W	W	W	W	W	W	W	SW	SW	SW	S	S	S	S	S	SE	S	SE	S	S	S	SW
Wind movement	3	3	3	1	1	1	1	3	1	4	7	8	7	7	8	8	5	5	6	5	6	6	6	7
Maximum velocities (exceeding 25 miles)																								

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
38	22	30	43

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day Pt Cldy (7) Moon phase,

Actual sunshine, hours, 4.9

Possible sunshine, hours, 10.3

Percentage of possible sunshine, 48

Prevailing direction South and West.

Total movement, 112

Average hourly velocity, 4.7

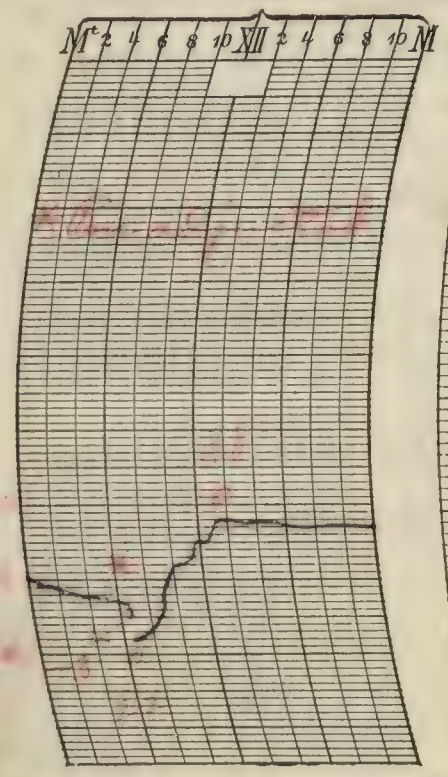
Maximum velocity,	Direction,	Time.
13	SW	3:09 pm
Extreme velocity 13	SW	3:09 pm

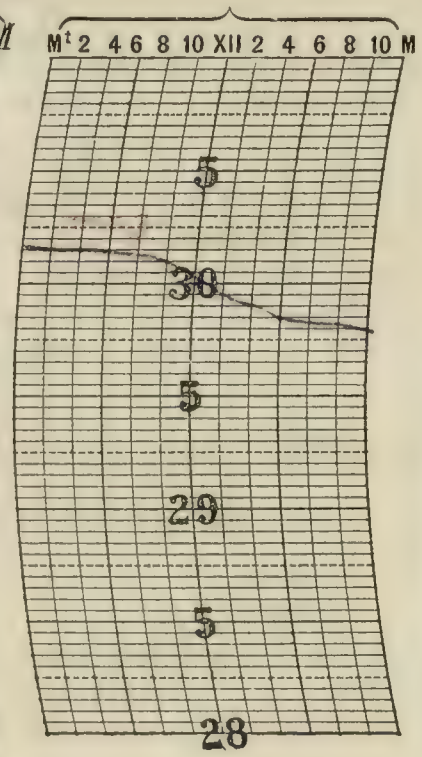
Relative humidity, 93 a. m. ____ p. m.

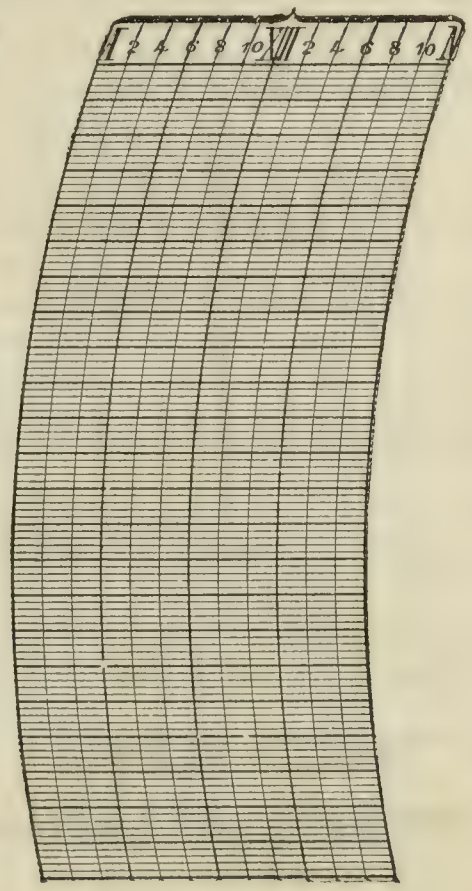
Reduced barometer, 30.71 a. m. ____ p. m.

River gage, 16.8 falling

NOTES.







Prepared by S. P. F.

Verified by S. P. F.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Saturday, (Date) NOV 4 1911, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	36	36	36	35	35	35	34	35	35	35	37	35	35	39	40	40	40	40	39	39	39	35	35	35
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions											Cloudy													
Sunrise: Time, 6:31 Character, Cloudy																					Sunset: Time, 4:49 Character, Cloudy			
Sunshine (in tenths of hours)							0	0	0	0	0	0	0	0	0	0	0							
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	S	S	SW	SW	S	S
Wind movement	6	5	3	6	6	4	4	6	6	8	9	6	9	9	7	7	5	5	4	3	2	1	2	2
Maximum velocities (exceeding 25 miles)																								

Maximum.	Minimum.	Mean.	Normal.
40	34	37	43

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Cloudy Moon phase,

Actual sunshine, hours, 0

Possible sunshine, hours, 10.3

Percentage of possible sunshine, 0

Prevailing direction, Southwest

Total movement, 125

Average hourly velocity, 5.2

	Maximum velocity,	Direction,	Time.
	10	SW	10:50 a. m.
Extreme velocity	10	SW	10:50 a. m.

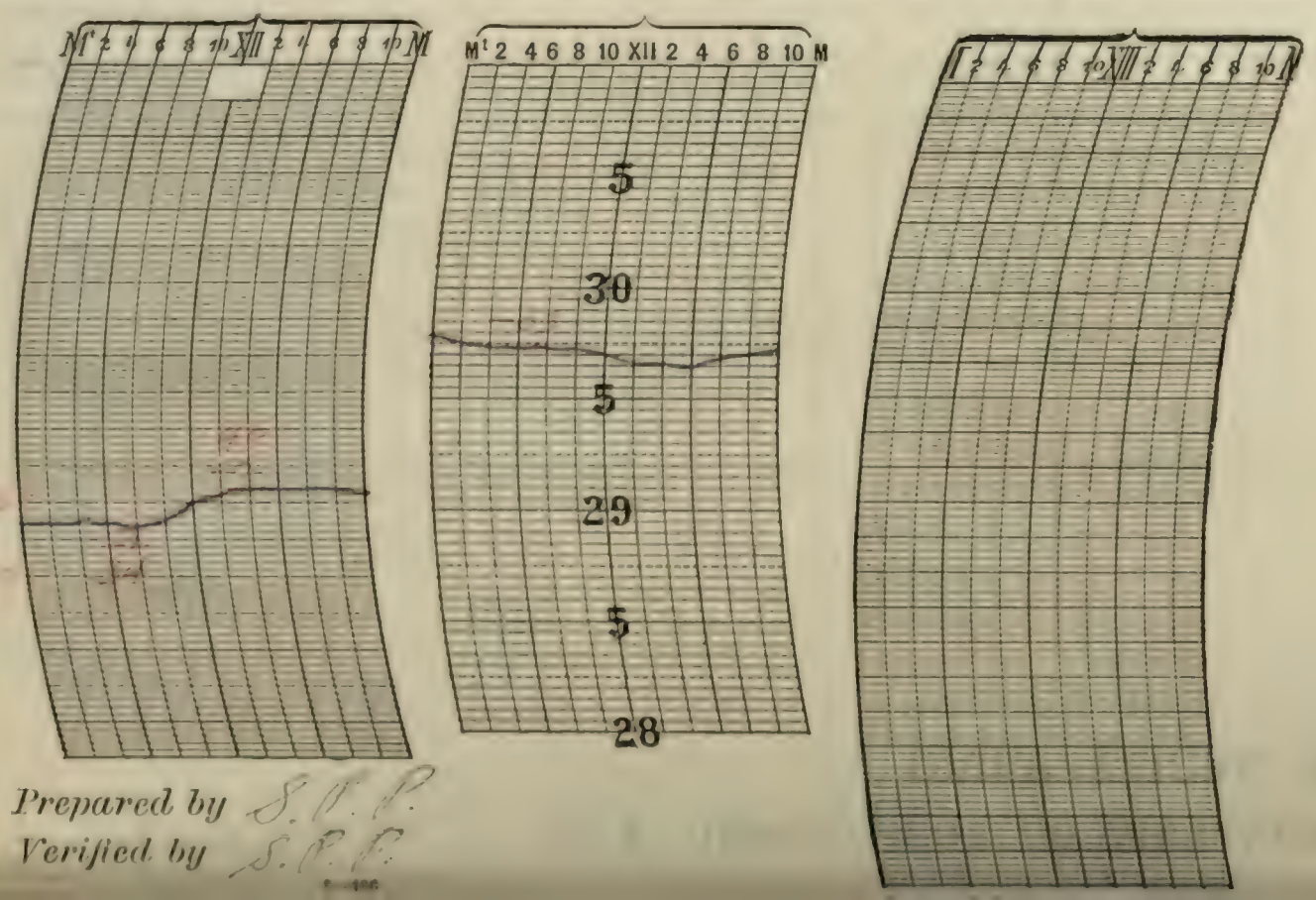
Relative humidity, 72 a. m. p. m.

Reduced barometer, 30.30 a. m. p. m.

River gage, 16.6, falling

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

NOTES.



Prepared by S. P. P.

Verified by S. P. P.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Sunday, (Date) NOV 5 1911, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	38	38	38	37	37	37	36	36	38	44	48	49
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					Cloudy		*	Pt	Cldy			
Sunrise: Time, Character,	6:32 Cloudy											
Sunshine (in tenths of hours)							0	0	0.5	1.0	1.0	1.0
Wind direction	SE	SE	SE	SE	SE	E	E	E	SE	SE	SE	SE
Wind movement	2	2	3	2	3	3	3	3	3	6	8	8

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	51	51	51	51	50	49	49	48	46	45	45	45
State of weather: Nature of precipitation and time of beginning and ending								RB 7:05				
Amounts of precipitation								←	.18 *			
Cloudiness and other conditions		*	Cloudy									
Sunset: Time, Character,									4:47 Cloudy			
Sunshine (in tenths of hours)	1.0	0.5	0	0	0							
Wind direction	S	SE	SE	SE	S	SE	SE	SE	SE	SE	SE	SE
Wind movement	10	11	9	8	7	9	9	11	9	7	10	12

Maximum velocities (exceeding 20 miles)

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Maximum.	Minimum.	Mean.	Normal.
51	36	44	42

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, .18 * inches. * Estimated

Character of day, Cloudy (8) Moon phase,

Actual sunshine, hours, 5.0

Possible sunshine, hours, 10.2

Percentage of possible sunshine, 49

Prevailing direction Southeast

Total movement, 158

Average hourly velocity, 6.6

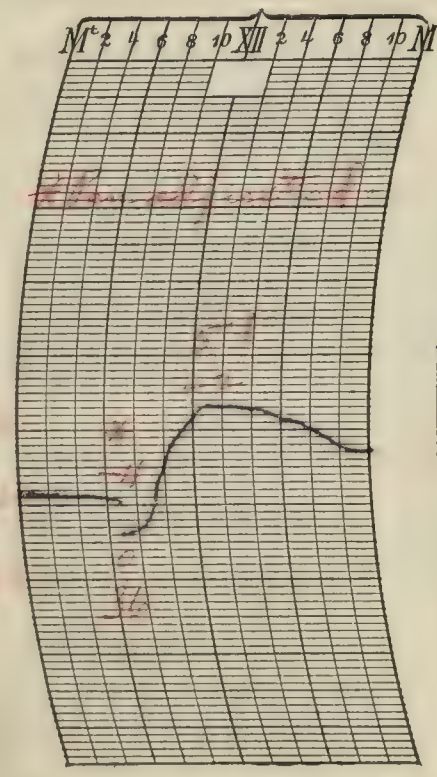
	Maximum velocity,	Direction,	Time.
	14	E	11:50 pm
Extreme velocity	14	E	11:50 pm

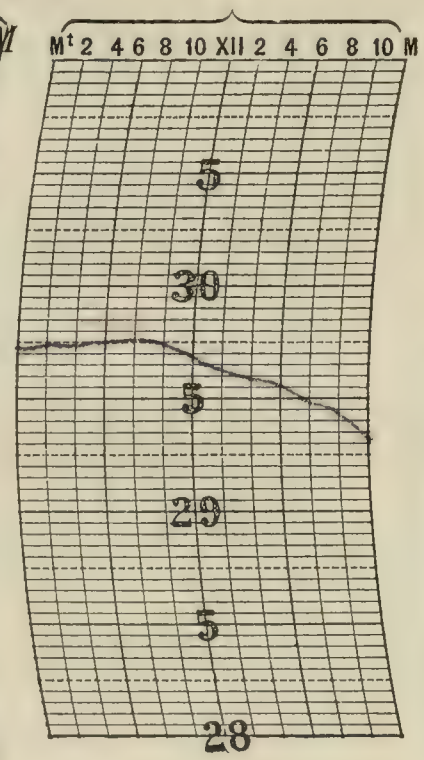
Relative humidity, 87 a. m. ____ p. m.

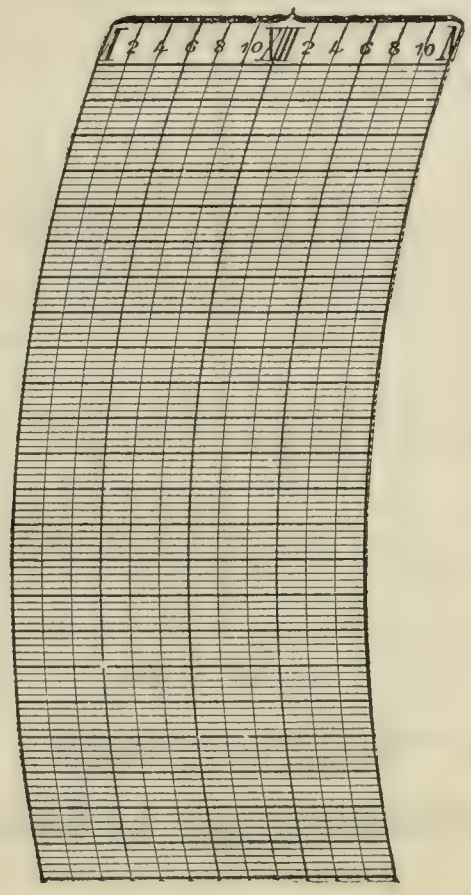
Reduced barometer, 30.33 a. m. ____ p. m.

River gage, 16.5 falling

* Estimated







NOTES.

Prepared by S. P. P.
Verified by S. H. V.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) LASALLE, ILL., (Day of week) Monday, (Date) NOV 6 1911, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	45	46	46	46	47	47	49	49	50	50	52	51 RE 11:43
State of weather: Nature of precipitation and time of beginning and ending							*					
Amounts of precipitation						.28	→	→	→	→	→	→
Cloudiness and other conditions											Cloudy	
Sunrise: Time, Character,	6:33 Cloudy											
Sunshine (in tenths of hours)							0	0	0	0	0	0
Wind direction	SE	SE	SE	SE	SE	S	S	SW	SW	SW	W	W
Wind movement	11	11	9	10	9	8	8	11	12	10	12	15
Maximum velocities (exceeding 25 miles)												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	51	50	50	49 RB 3:24	49	49 RE 5:15	49	50	47	45	41	
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation				←	T	→						
Cloudiness and other conditions												
Sunset: Time, Character,									4:46 Cloudy			
Sunshine (in tenths of hours)	0.2	0.1	0.1	0	0							
Wind direction	W	W	W	W	SW	W	W	W	W	W	W	W
Wind movement	18	15	15	17	18	13	12	16	18	21	21	20
Maximum velocities (exceeding 25 miles)								7:55 W 25				W 26

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

	Maximum.	Minimum.	Mean.	Normal.
	52	41.5	45.8	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .44 ins.; to 7 p. m., .02* ins.

Total precipitation, midnight to midnight, .25 inches.

Character of day, Cloudy (10) Moon phase, O 9:48 a.

Actual sunshine, hours, 0.4

Possible sunshine, hours, 10.2

Percentage of possible sunshine, 4

Prevailing direction, West

Total movement, 333

Average hourly velocity, 13.9

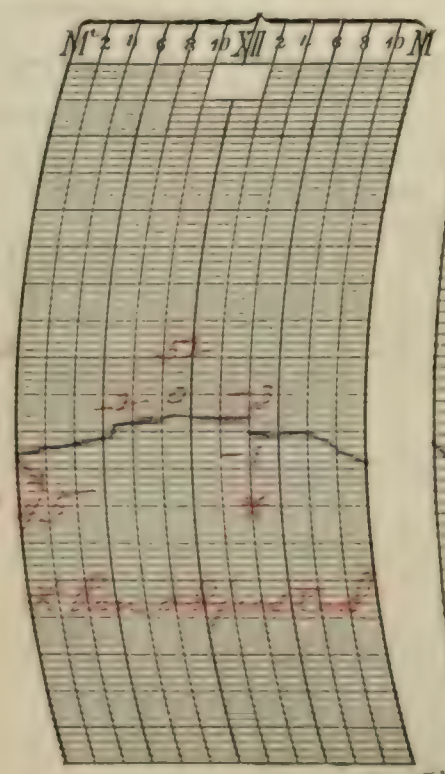
Maximum velocity,	Direction,	Time.
26	W	11:12 pm
Extreme velocity 27	SW	4:12 pm

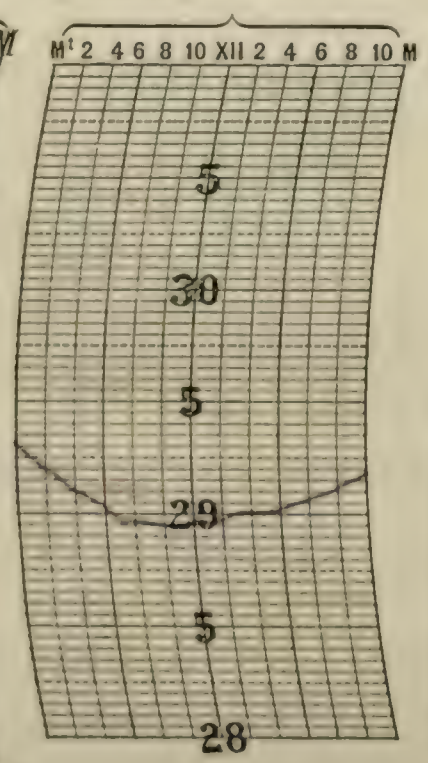
Relative humidity, 100 a. m. ..... p. m.

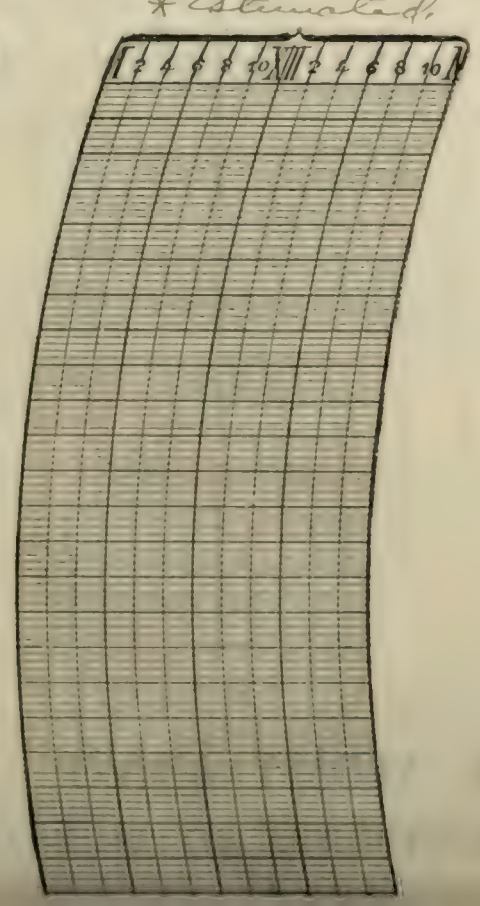
Reduced barometer, 29.84 a. m. ..... p. m.

River gage, 16.4, falling

* Estimated.







NOTES.

Prepared by S. P. L.

Verified by S. P. L.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE ILL, (Day of week) Tuesday, (Date) NOV 7 1911, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	45	44	44	44	44	44	38	38	39	42	45	47
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Moon visible						Clear					
Sunrise: Time, Character,	6:34 Cloudy											
Sunshine (in tenths of hours)							.10 0	0.2 0.8	1.0	1.0	1.0	1.0
Wind direction	W	W	W	W	W	W	W	W	W	NW	NW	NW
Wind movement	20	18	16	18	15	15	15	16	17	19	18	18
Maximum velocities (exceeding 25 miles)											25 NW 26	

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	49	49	47	46	43	42	39	37	35	35	34	34
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	P.C.	Clear						Moon visible				
Sunset: Time, Character,									4:45 Clear			
Sunshine (in tenths of hours)	1.0	0.6	0.8	0.2 0.8	.75 0							
Wind direction	W	W	W	W	W	W	NW	NW	NW	NW	NW	NW
Wind movement	16	15	15	12	9	6	8	7	3	2	2	1
Maximum velocities (exceeding 25 miles)												

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
49	34	42	41

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear (2) Moon phase,

Actual sunshine, hours, 9.2

Possible sunshine, hours, 10.2

Percentage of possible sunshine, 90

Prevailing direction West

Total movement, 301

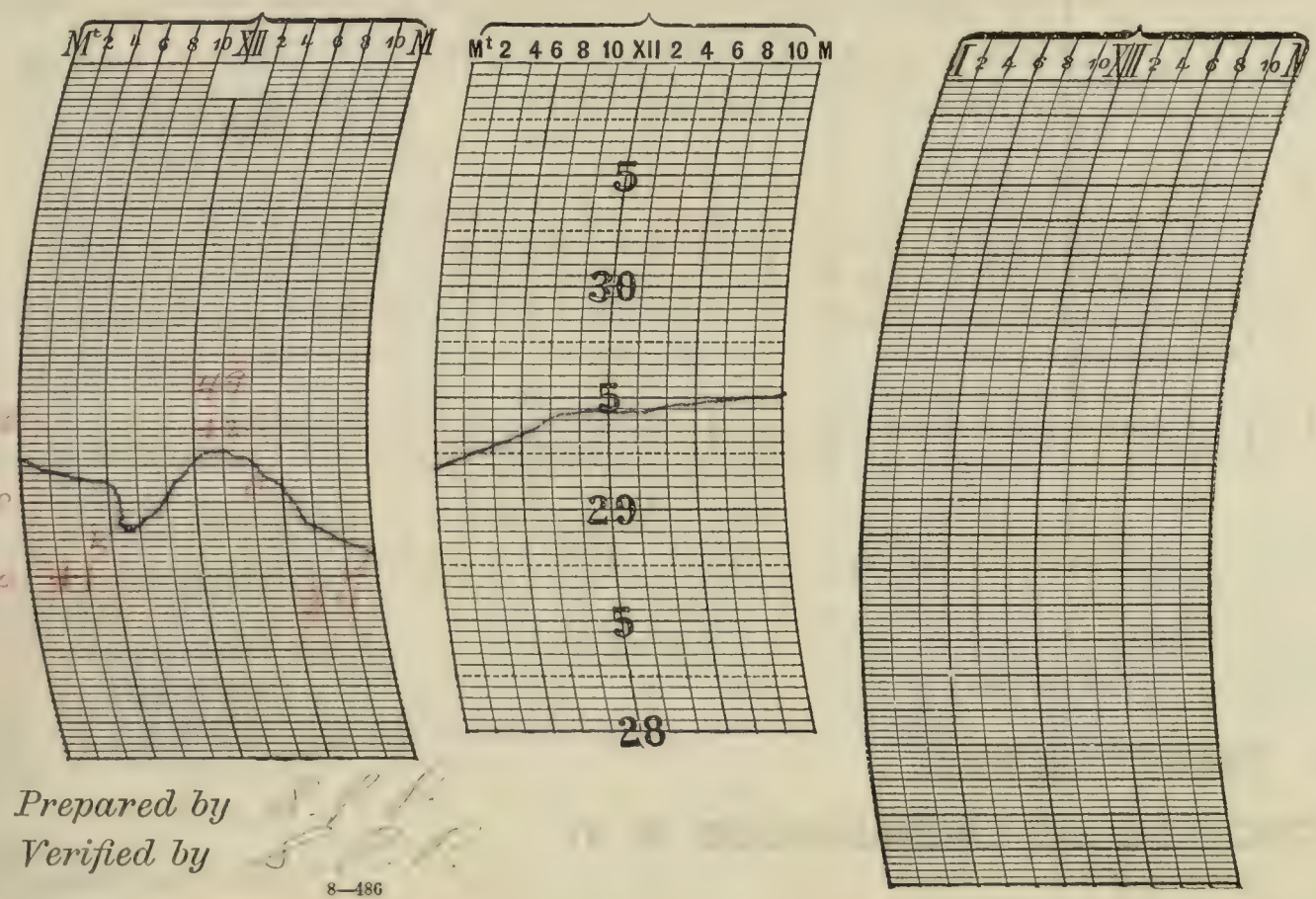
Average hourly velocity, 12.5

Maximum velocity,	Direction,	Time.
26	NW	10:08 am
Extreme velocity 28	NW	10:09 am

Relative humidity, 75 a. m. ____ p. m.

Reduced barometer, 29.95 a. m. ____ p. m.

River gage, 16.6, rising.



NOTES.

Prepared by

Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL, (Day of week) Wednesday, (Date) NOV 1911, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	33	31	30	30	30	29	28	29	34	40	41	44	47	49	50	50	49	48	46	45	44	43	42	41
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions	Moon visible		Clear						× P. C. ×		Cloudy									Moon visible at intervals				
Sunrise: Time, Character,	6:36 Cloudy																				Sunset: Time, Character,	4:44 Cloudy		
Sunshine (in tenths of hours)							0	0	0.6	0.8	0.8	1.0	1.0	1.0	0.9	0	0							
Wind direction	W	W	S	NE	NE	NE	NE	NE	NE	E	SE	SE	SE	SE	SE	E	E	E	E	E	E	E	E	E
Wind movement	1	1	3	1	2	2	2	4	3	4	7	6	6	6	8	7	9	10	9	8	8	7	7	7
Maximum velocities (exceeding 25 miles)																								

Maximum.	Minimum.	Mean.	Normal.
50	28	39	41

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Cloudy (8) Moon phase,

Actual sunshine, hours, 6.1

Possible sunshine, hours, 10.4

Percentage of possible sunshine, 60

Prevailing direction, East

Total movement, 128

Average hourly velocity, 5.3

	Maximum velocity,	Direction,	Time.
	12	E	6:07 pm
Extreme velocity	12	E	6:07 pm

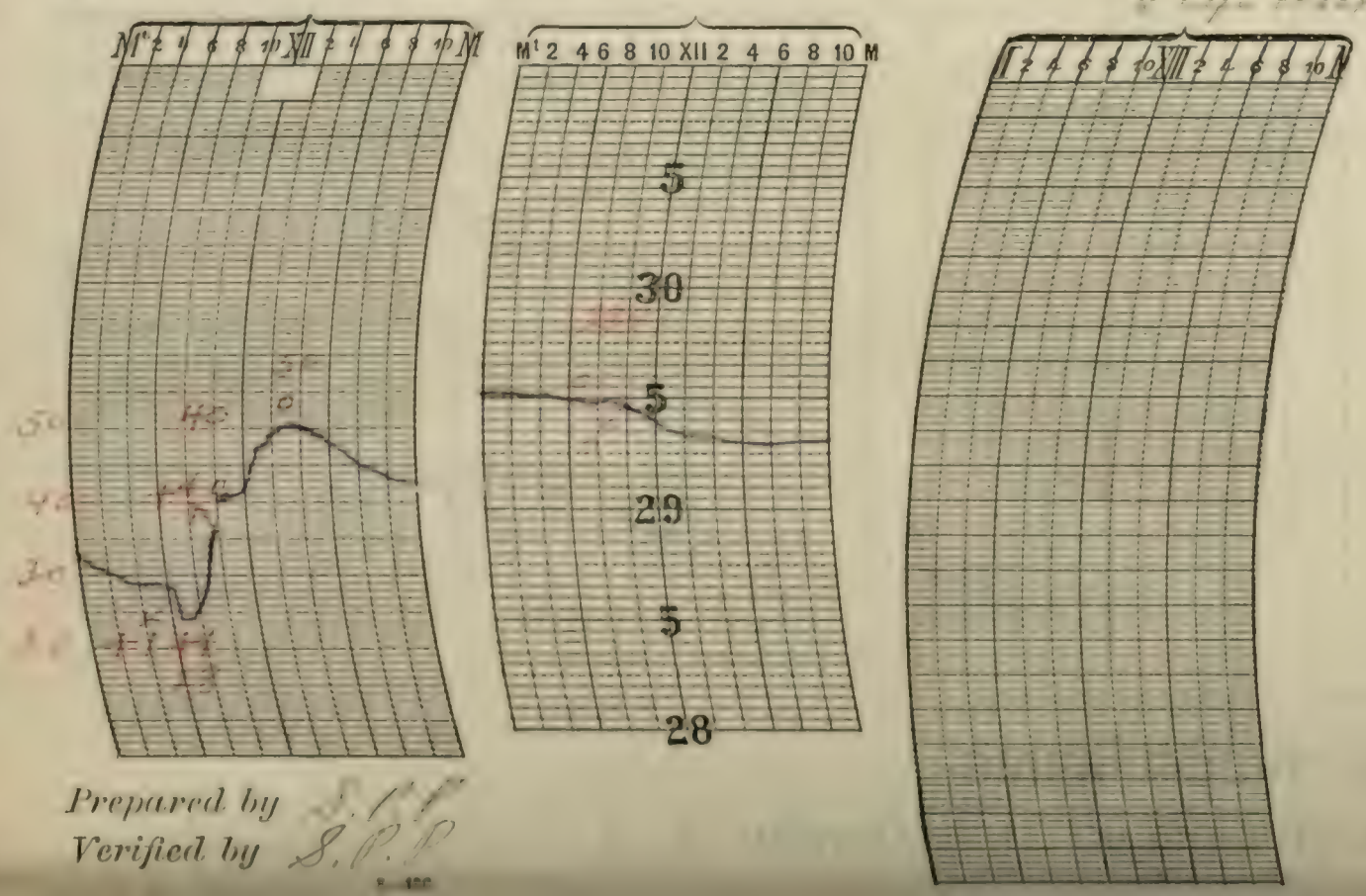
Relative humidity, 94 a. m. p. m.

Reduced barometer, 30.08 a. m. p. m.

River gage, 16.6, On stand.

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

× Sun obscured by fog



NOTES.

Prepared by S. P. P.

Verified by S. P. P.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LASALLE, ILL, (Day of week) Thursday, (Date) NOV 2 1911, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	41	41	41	40	40	40	39	39	41	43	46	49
State of weather: Nature of precipitation and time of beginning and ending	RBD		Ra					RE 7:18		RB 9:07 RE 9:55		
Amounts of precipitation	←		.02	→			→	T		T		
Cloudiness and other conditions								Cloudy				
Sunrise: Time, Character,	6:37 Cloudy											
Sunshine (in tenths of hours)							0	0	0	0	0	0
Wind direction	E	E	E	E	E	E	E	SE	SE	SE	SE	SE
Wind movement	9	10	8	9	8	9	10	9	10	10	11	10

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	50	51	51	51	51	50	50	50	50	50	50	51
State of weather: Nature of precipitation and time of beginning and ending				RB 3:57			RE 6:15				RBDHp REDHp	
Amounts of precipitation				←	T		→			←	.03	→
Cloudiness and other conditions												
Sunset: Time, Character,									4:43 Cloudy			
Sunshine (in tenths of hours)	0.3	0.2	0	0	0							
Wind direction	SE	SE	SE	SE	SE	S	SE	SE	SE	S	SW	SW
Wind movement	14	12	10	9	11	10	10	10	9	7	8	10

Maximum velocities (exceeding 20 miles)

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

	Maximum.	Minimum.	Mean.	Normal.
	51	39	45	40

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .02 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, .05 inches.

Character of day, Cloudy (1) Moon phase,

Actual sunshine, hours, 0.5

Possible sunshine, hours, 10.1

Percentage of possible sunshine, 5

Prevailing direction, Southeast

Total movement, 233

Average hourly velocity, 9.7

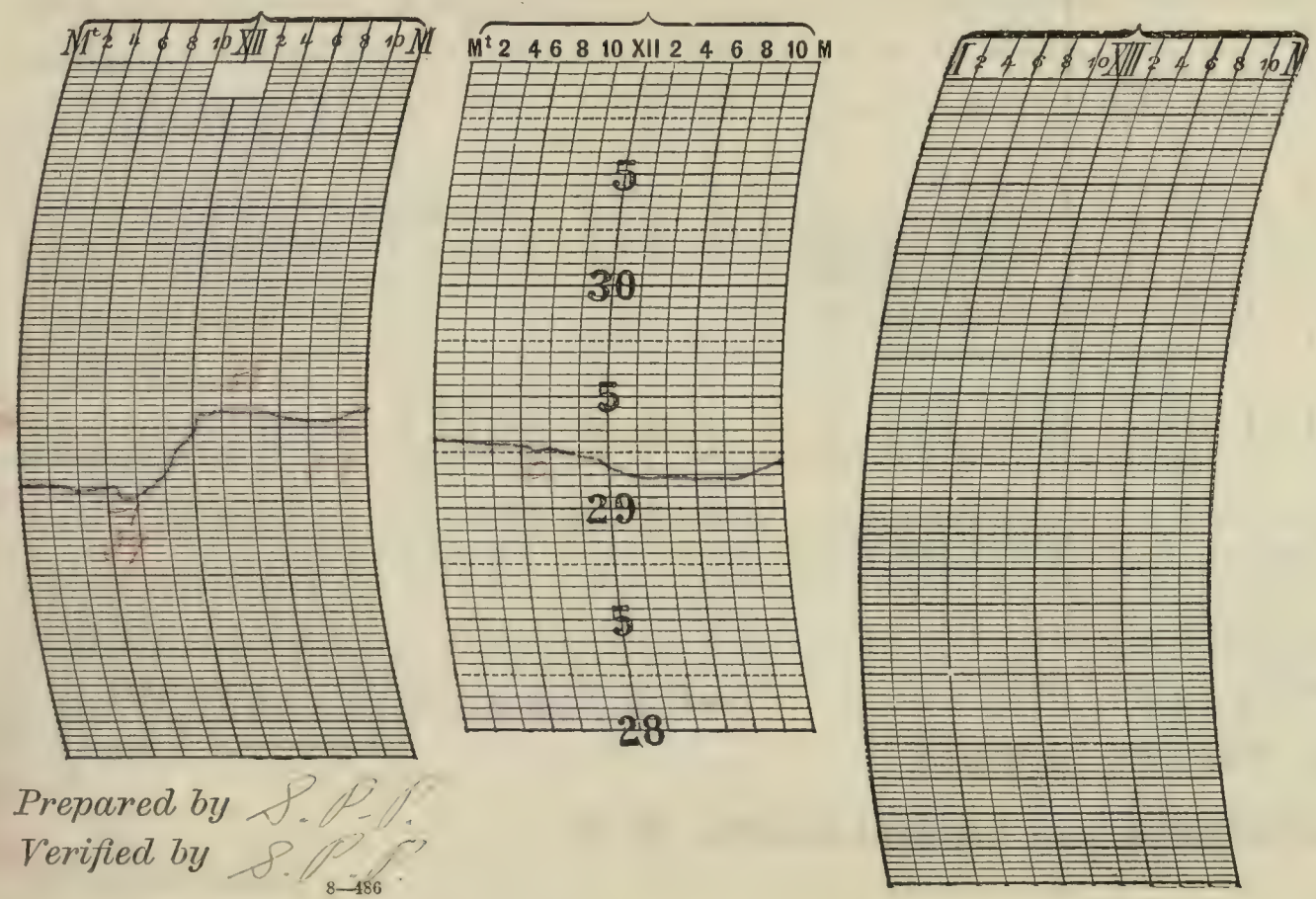
Maximum velocity,	Direction,	Time.
17	SE	12:12 p.m.
Extreme velocity 18	SE	4:44 p.m.

Relative humidity, 92 a. m. ____ p. m.

Reduced barometer, 29.84 a. m. ____ p. m.

River gage, 16.5 falling.

NOTES.



Prepared by S. P. U.
Verified by S. P. U.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Friday, (Date) NOV 10 1911 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	52	52	50	50	50	48	49	49	53	55	60	61	63	61	60	57	57	57	58	59	61	61	62	62
State of weather: Nature of precipitation and time of beginning and ending																					RB	a a p		
Amounts of precipitation																						T		
Cloudiness and other conditions			Hazy Clear				Cloudy		Clear						Cloudy					Hazy				
Sunrise: Time, Character	6:39 Cloudy																				Sunset: Time, Character 4:41 Cloudy			
Sunshine (in tenths of hours)							0	0.3	1.0	1.0	1.0	1.0	1.0	0.9	0.1	0	0							
Wind direction	SW	SW	W	W	W	SW	SW	SW	S	S	S	S	E	SE	E	E	E	E	SE	S	S	S	S	S
Wind movement	10	9	10	6	7	5	4	5	4	9	8	4	6	9	9	12	11	9	12	11	13	15	16	18
Maximum velocities (exceeding 25 miles)																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
63	48	56	40

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches

Precipitation to 7 a. m., .03 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight 1 inches.

Character of day, Cloudy (S) Moon phase,

Actual sunshine, hours, 6.3

Possible sunshine, hours, 10.1

Percentage of possible sunshine, 62

Prevailing direction South

Total movement, 222

Average hourly velocity, 9.2

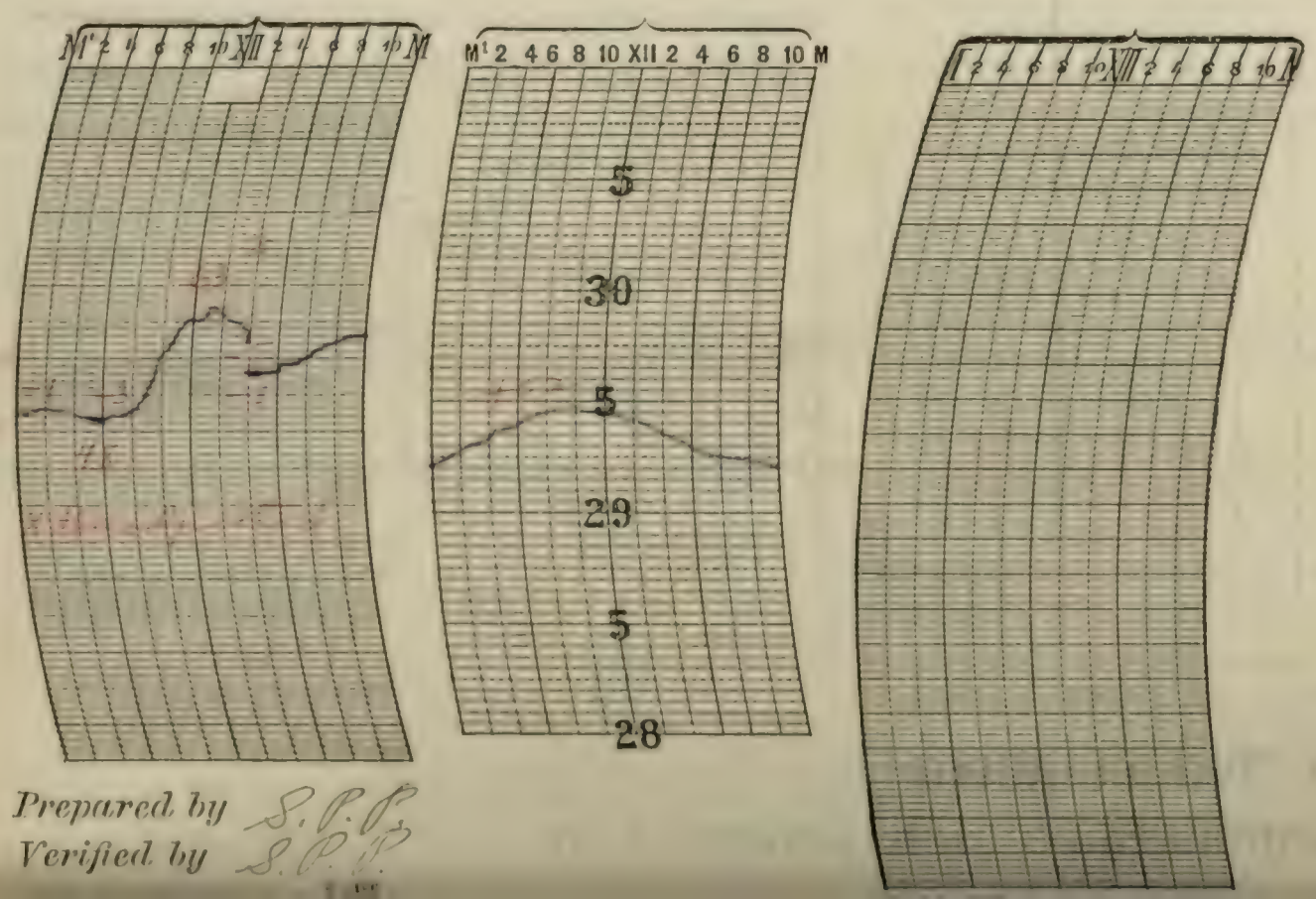
Maximum. velocity,	Direction,	Time
20	S	11:00 pm ✓
Extreme velocity 20	S	11:00 pm ✓

Relative humidity, 96 a. m. p. m.

Reduced barometer, 30.03 a. m. p. m.

River gage, 16.5 Ice stand!

NOTES.



Prepared by S. P. B.

Verified by S. P. B.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL, (Day of week) Saturday, (Date) NOV 11 1911, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	62	62	63	63	65	65	66	67	71	73	74	74
State of weather: Nature of precipitation and time of beginning and ending		R ≡ D	≡									
Amounts of precipitation			T									
Cloudiness and other conditions	Moon visible					Clear					Cloudy	
Sunrise: Time, Character,	6:39 Cloudy											
Sunshine (in tenths of hours)							0	0.1	1.0	1.0	1.0	1.0
Wind direction	S	S	SW	SW	SW	S	S	S	SW	SW	SW	SW
Wind movement	18	20	20	20	22	19	20	22	26	30	29	31
Maximum velocities (exceeding 25 miles)			2:08 SW 25					7:36 S 25	8:46 S 31	7:20 SW 35	10:25 SW 37	11 SW 36

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	75	75	75	76	55	43	35	30	26	21	18	14
State of weather: Nature of precipitation and time of beginning and ending					R D 4:08			R, SL, YS	RE 5:30 S-B 8:30	R, SL, YS D ⌒	E	
Amounts of precipitation					←	-.71		→	*	.15		
Cloudiness and other conditions												
Sunset: Time, Character,									4:41 Cloudy			
Sunshine (in tenths of hours)	1.0	1.0	0.5	0	0							
Wind direction	SW	S	S	S	SW	W	W	W	W	W	W	W
Wind movement	31	31	29	31	23	17	17	20	18	23	23	26
Maximum velocities (exceeding 25 miles)	12:50 S 34	1:03 SW 35	2:03 SW 33	3:15 S 34	4:43 W 37			7:55 W 26		9:20 W 29	10:42 SW 26	11:50 SW 31

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
76	14	45	40

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches. *

Total snowfall, midnight to midnight, T inches.

Precipitation to 7 a. m., T ins.; to 7 p. m., .71 ins.

Total precipitation, midnight to midnight, * .86 inches.

Character of day, Pt Cldy (6) Moon phase,

Actual sunshine, hours, 7.4

Possible sunshine, hours, 10.0

Percentage of possible sunshine, 74

Prevailing direction Southwest

Total movement, 566

Average hourly velocity, 23.6

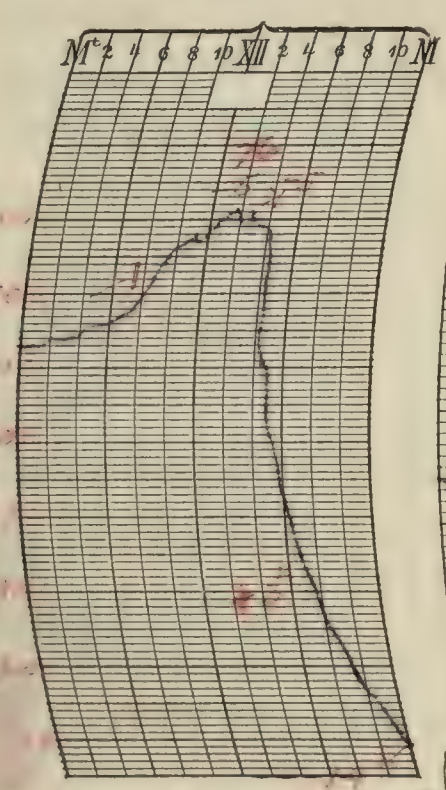
Maximum velocity,	Direction,	Time.
37	NW	4:43 pm
Extreme velocity 44	NW	4:45 pm

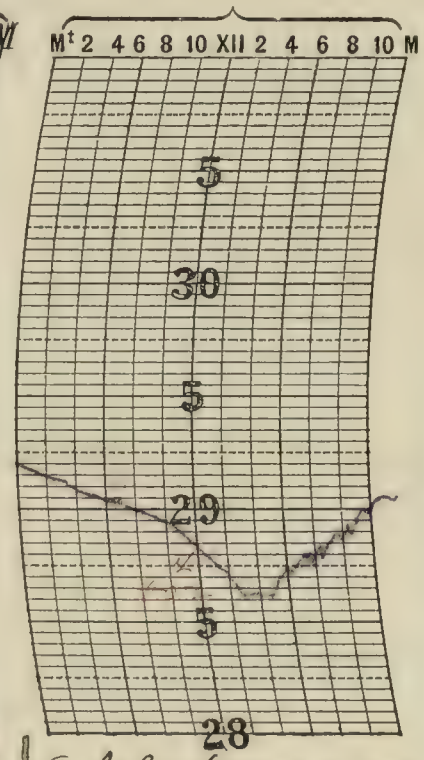
Relative humidity, 87 a. m. ____ p. m.

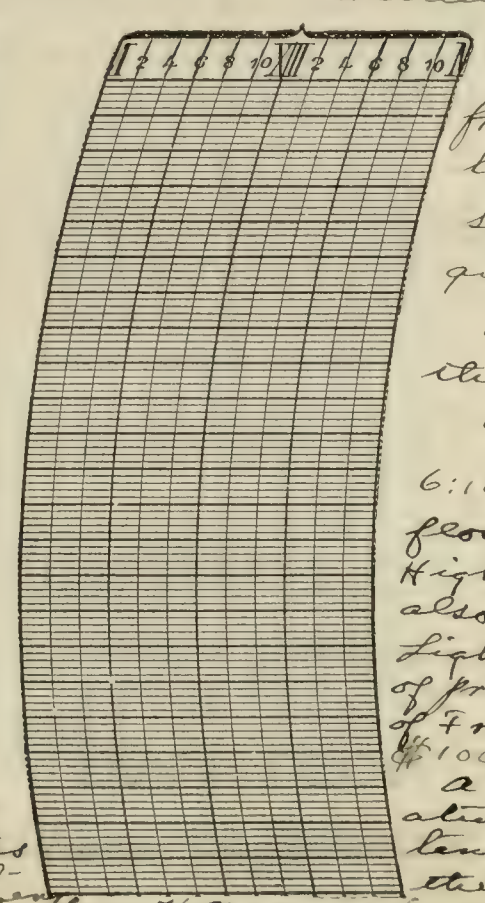
Reduced barometer, 29.60 a. m. ____ p. m.

River gage, 16.5, On stand

* Estimated







Prepared by S. P. P.

Verified by S. P. V.

8—486

A John Krueger, of 1313 Crosse st., fell unconscious on his way home about midnight and was frozen to death.

NOTES.

The following message was received from Chicago at 8:50 am: "Rain tonight turning to snow flurries Sunday; severe cold wave." Cold wave warning given to all interests. Cold wave flag hoisted at 9:00 am; lowered at sunset.

A special observation was taken at 12 noon this date and telegraphed to Washington.

Thunderstorm: First heard 4:03 pm; last heard 6:10 pm; storm came from S.W. Sewers were flooded by the heavy rainfall attending the storm. High winds blew down telephone & telegraph wires also destroyed some plate glass windows and sheds. Lightning destroyed several hundred dollars worth of property; the principle damage was on the farm of Frank Conway whose loss is estimated to be about $1000.

A cold wave occurred today. At 4 pm the temperature was 76° and at midnight it was 14°. The temperature continued to fall and at 1 am on the 12th it was 13°. The greatest 24-hr. fall was 60° from 76° at 4 pm on the 11th to 16° at 4 pm on the 12th. 60° falls also from 10 am 11th to 10 am 12th & from 11 am 11th to 11 am 12th.

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL. , (Day of week) Monday , (Date) NOV 18 1912 , 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	13	13	13	13	13	13	13	13	14	13	14	15
State of weather: Nature of precipitation and time of beginning and ending											S 10:30	
Amounts of precipitation						* T	*		T			
Cloudiness and other conditions			Very visible at intervals			Cloudy	*		Pt Cloudy			
Sunrise: Time, Character	6:40 Cloudy											
Sunshine (in tenths of hours)							0	0	0.1	0.9	1.0	1.0
Wind direction	W	W	W	W	W	W	W	W	W	W	W	W
Wind movement	26	27	27	26	25	27	23	27	27	26	28	26
Maximum velocities (exceeding 25 miles)	12:24 SW 30	1:10 W 31	2:25 W 30	3:10 W 30	4:45 W 30	5:45 W 32	6:37 W 27	7:47 W 31	8:32 W 30	9:07 W 31	10:04 W 30	11:22 W 31

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	18	18	16	16	16	15	15	15	14	14	14	14
State of weather: Nature of precipitation and time of beginning and ending				S 3:02						S D		X P
Amounts of precipitation								T				
Cloudiness and other conditions												
Sunset: Time, Character									4:40 Cloudy			
Sunshine (in tenths of hours)	1.0	1.0	0.3	0	0							
Wind direction	W	W	W	W	W	W	W	W	W	W	W	W
Wind movement	27	26	26	26	22	21	18	18	21	22	20	19
Maximum velocities (exceeding 25 miles)	12:22 W 35	1:32 W 29	2:52 W 29	3:16 W 30	4:02 W 30	5:10 W 25			8:47 W 27	9:48 W 25		

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Maximum, 18 — Minimum, 13 — Mean, 16 — Normal, 39

Total depth of snow for 24 hours ending 7 p. m., T inches.

Snow on ground 7 p. m., T inches.

Total snowfall, midnight to midnight, T inches.

Precipitation to 7 a. m., .15 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, T inches.

Character of day: Partly C. — Moon phase.

Actual sunshine, hours, 5.3

Possible sunshine, hours, 10.0

Percentage of possible sunshine, 53

Prevailing direction, West

Total movement, 581

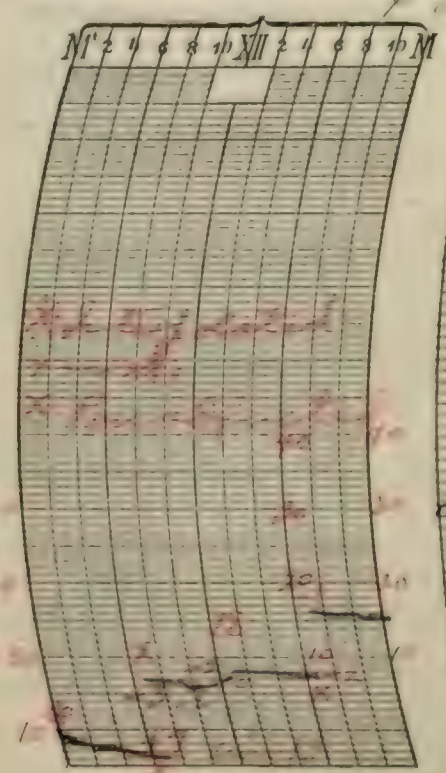
Average hourly velocity, 24.2

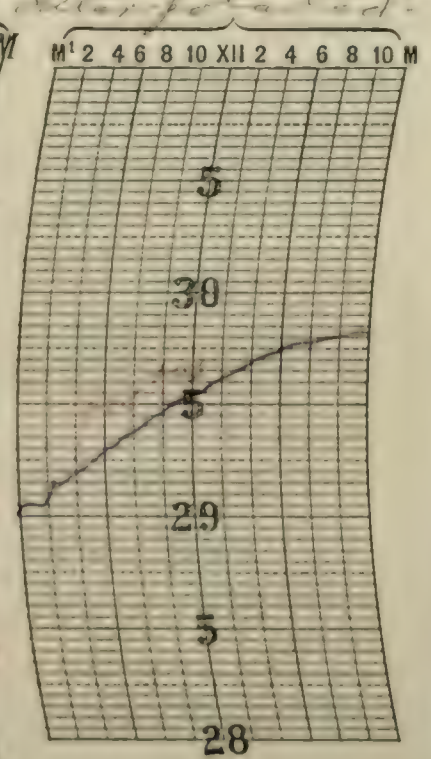
	Maximum velocity,	Direction,	Time.
	35	W	12:22 p.m.
Extreme velocity	37	W	3:12 a.m.

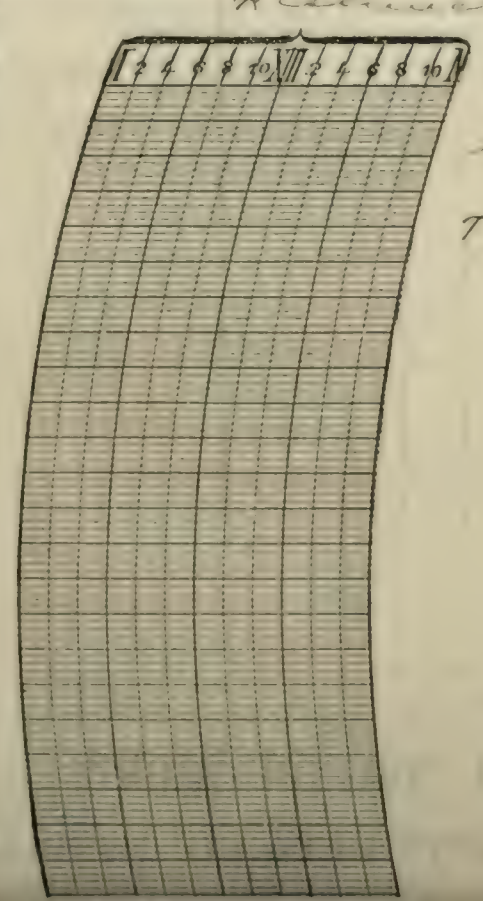
Relative humidity, 77 a. m. — p. m.

Reduced barometer, 29.92 a. m. — p. m.

River gage, 17.4, rising; 7 p.m. 18.0







Prepared by S. P. P.

Verified by S. P. P.

NOTES.

A Special Observation was taken at 11 am this date and telegraphed to Washington. River stage telegraphed to St Louis at 7 pm.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) CASEY ILL., (Day of week) Monday, (Date) NOV 13 1911, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	15	15	15	15	15	15	13	14	15	19	24	25
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Moon visible			Clear					P.C.		Clear	
Sunrise: Time, Character,	6:41 Clear											
Sunshine (in tenths of hours)							.32 0	0.9 0.1	0.9	1.0	1.0	1.0
Wind direction	W	W	W	W	W	W	W	SW	SW	SW	SW	SW
Wind movement	17	12	12	12	10	6	7	11	13	14	15	16
Maximum velocities (exceeding 25 miles)												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	27	28	29	29	28	28	28	27	27	27	27	27
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions												
Sunrise: Time, Character,									Sunset: Time, Character, 4:40 Clear			
Sunshine (in tenths of hours)	1.0	1.0	1.0	0.4 0.6	.67 0							
Wind direction	S	SW	S	SW	S	S	S	S	S	S	S	S
Wind movement	18	21	23	21	18	18	14	10	11	11	9	10
Maximum velocities (exceeding 25 miles)		1:50 SW 25	2:37 S 26									

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
29	13	21	39

Total depth of snow for 24 hours ending 7 p. m., T inches.

Snow on ground 7 p. m., T inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., T ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear (2) Moon phase, C 1 19 am

Actual sunshine, hours, 9.9

Possible sunshine, hours, 10.0

Percentage of possible sunshine, 99

Prevailing direction South

Total movement, 330

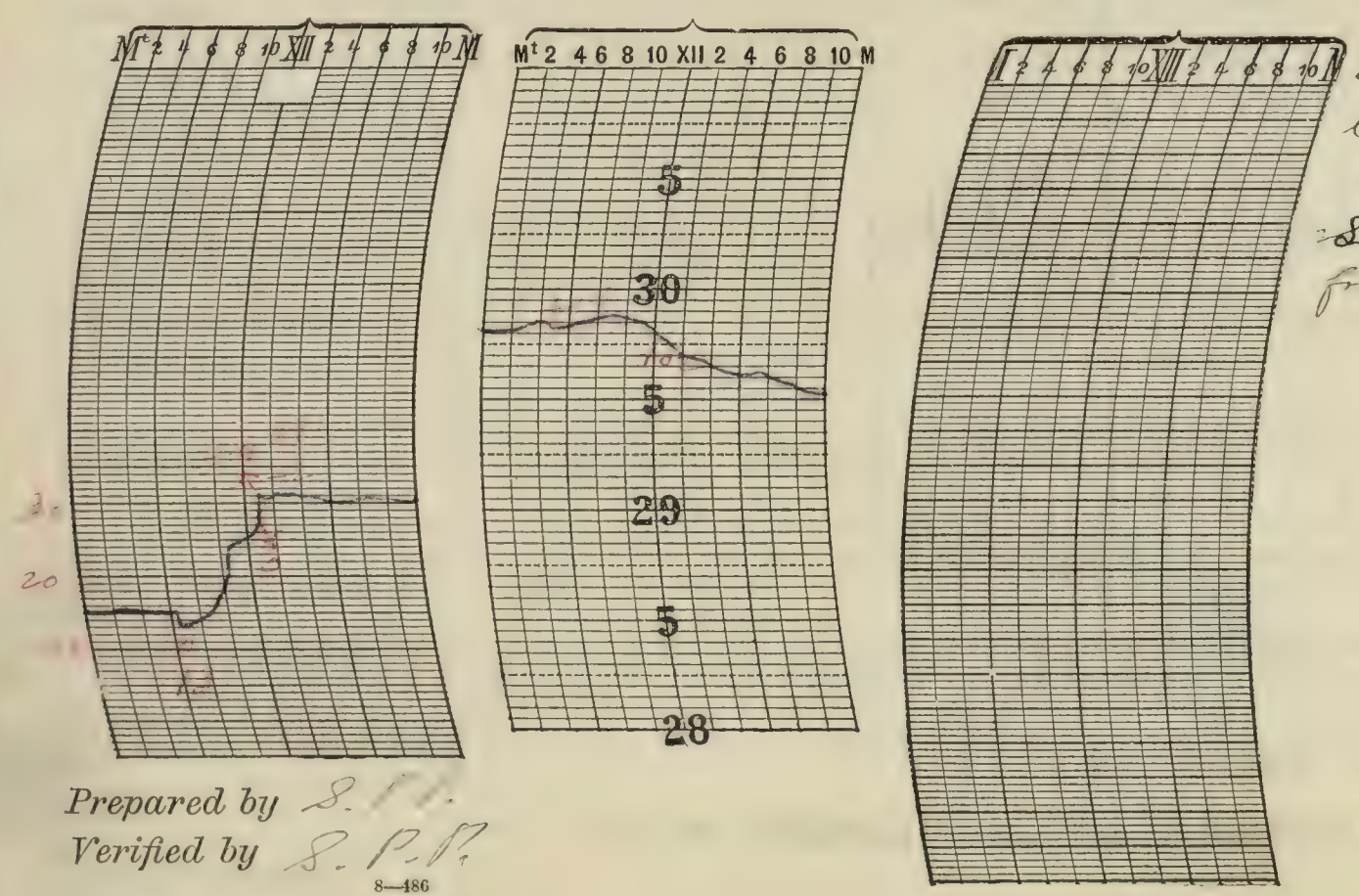
Average hourly velocity, 13.8

Maximum velocity,	Direction,	Time.
26	S	2:37 pm
Extreme velocity 27	SW	2:36 pm

Relative humidity, 70 a. m. ____ p. m.

Reduced barometer, 30.49 a. m. ____ p. m.

River gage, 18.6, rising; 11 am, 18.7; 5 pm, 18.9



NOTES.

A special observation was taken at 1 pm this date and telegraphed to Washington. Telegram of river stage was sent to St. Louis at 11 am upon request from that office.

Prepared by S. P. P.

Verified by S. P. P.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Tuesday, (Date) NOV 14 1911, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	27	27	27	26	26	26	26	27	28	29	30	30	31	32	32	32	31	30	30	30	30	29	29	29
State of weather: Nature of precipitation and time of beginning and ending												S B 11:09								S E 8:00				
Amounts of precipitation												←			.01					×T				
Cloudiness and other conditions											Cloudy													
Sunshine (in tenths of hours)							0	0	0	0	0	0	0	0	0	0	0							
Wind direction	S	S	S	S	S	S	S	S	S	SW	S	S	S	S	SW	S	S	S	SW	SW	SW	SW	SW	SW
Wind movement	10	8	11	9	6	7	5	6	11	11	11	9	7	8	7	3	2	2	2	3	5	4	6	6
Maximum velocities (exceeding 25 miles)																								

Sunrise: Time, 6:43 Character, Cloudy

Sunset: Time, 4:39 Character, Cloudy

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Maximum.	Minimum.	Mean.	Normal.
32	26	29	38

Total depth of snow for 24 hours ending 7 p. m., 0.3 inches.

Snow on ground 7 p. m., 0.3 inches.

Total snowfall, midnight to midnight, 0.3 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., .01 ins.

Total precipitation, midnight to midnight, .01 inches.

Character of day, Cloudy (10) Moon phase,

Actual sunshine, hours,

Possible sunshine, hours, 9.9

Percentage of possible sunshine,

Prevailing direction, S

Total movement, 159

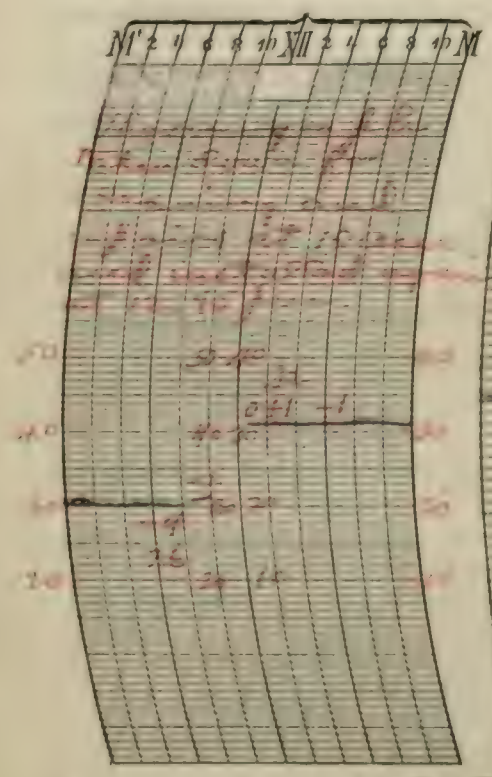
Average hourly velocity, 6.6

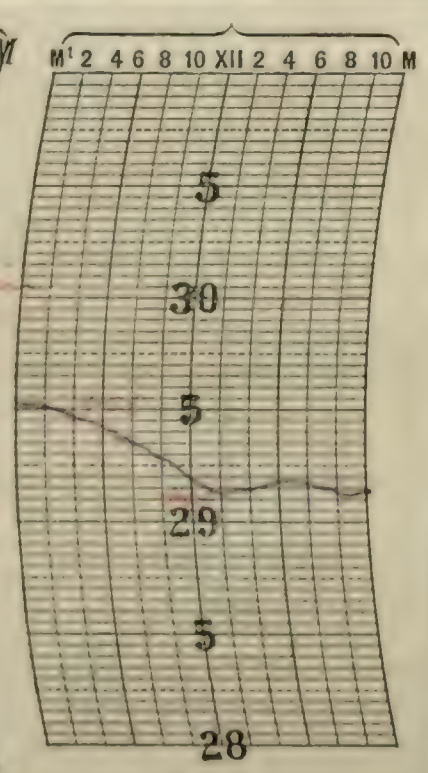
Maximum velocity,	Direction.	Time.
13	S	10:32 a.m.
Extreme velocity 13	S	10:32 a.m.

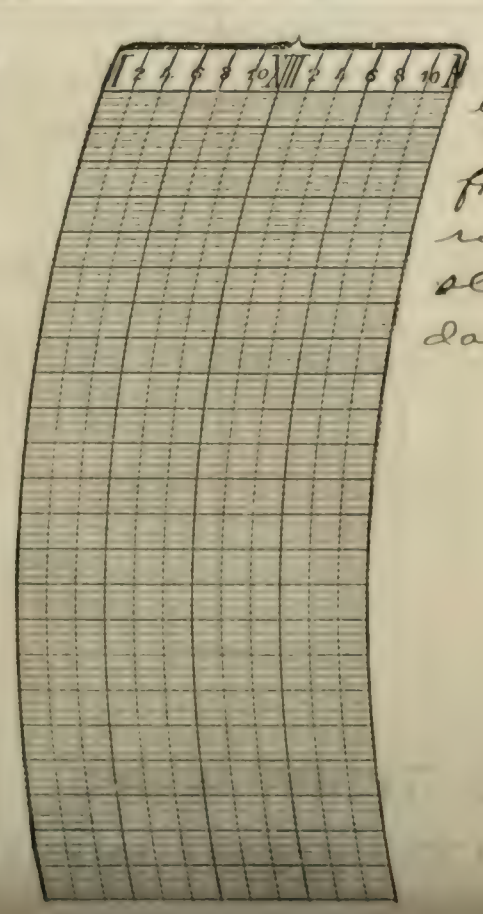
Relative humidity, 69 a. m. p. m.

Reduced barometer, 29.98 a. m. p. m.

River gage, 19.0, on stand at 10 a.m. p.m.







NOTES.

A special observation was taken at 12 noon this date and telegraphed to Washington. The following telegram was received from St. Louis at 10 am: "Telegraph river stages daily while above flood stage." River stage telegraphed this date at 10:20 am.

Prepared by S. P. B.

Verified by S. P. B.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) _____, (Day of week) Wednesday, (Date) NOV 7 & 1911, 191

Time (local standard), 90 mer.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	29	28	28	28	27	26	26	26	27	26	26	27	28	28	29	29	28	27	26	24	23	22	20	21
										5 B 9:20		5 E 11:30												
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation										←	T	→												
Cloudiness and other conditions	Moon visible		Clear	→		←	P.C.	←	Cloudy			→	←	P.C.	←	Cldy	←	Clear						
	Sunrise: Time, 6:44 Character, Cloudy																				Sunset: Time, 4:38 Character, Clear			
Sunshine (in tenths of hours)							0	0	0	0	0.2	0.4	0.8	0.3	0.9	0.1 0.8	0							
Wind direction	SW	SW	SW	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	N	N	N
Wind movement	6	7	8	7	8	8	8	9	11	10	9	12	12	10	11	10	6	5	4	6	8	7	8	6
Maximum velocities (exceeding 25 miles)																								

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
29	20	24	38

Total depth of snow for 24 hours ending 7 p. m., T inches.

Snow on ground 7 p. m., T inches.

Total snowfall, midnight to midnight, T inches.

Precipitation to 7 a. m., T ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Pt Cldy (6) Moon phase, _____

Actual sunshine, hours, 4.1

Possible sunshine, hours, 9.9

Percentage of possible sunshine, 41

Prevailing direction, Northwest

Total movement, 196

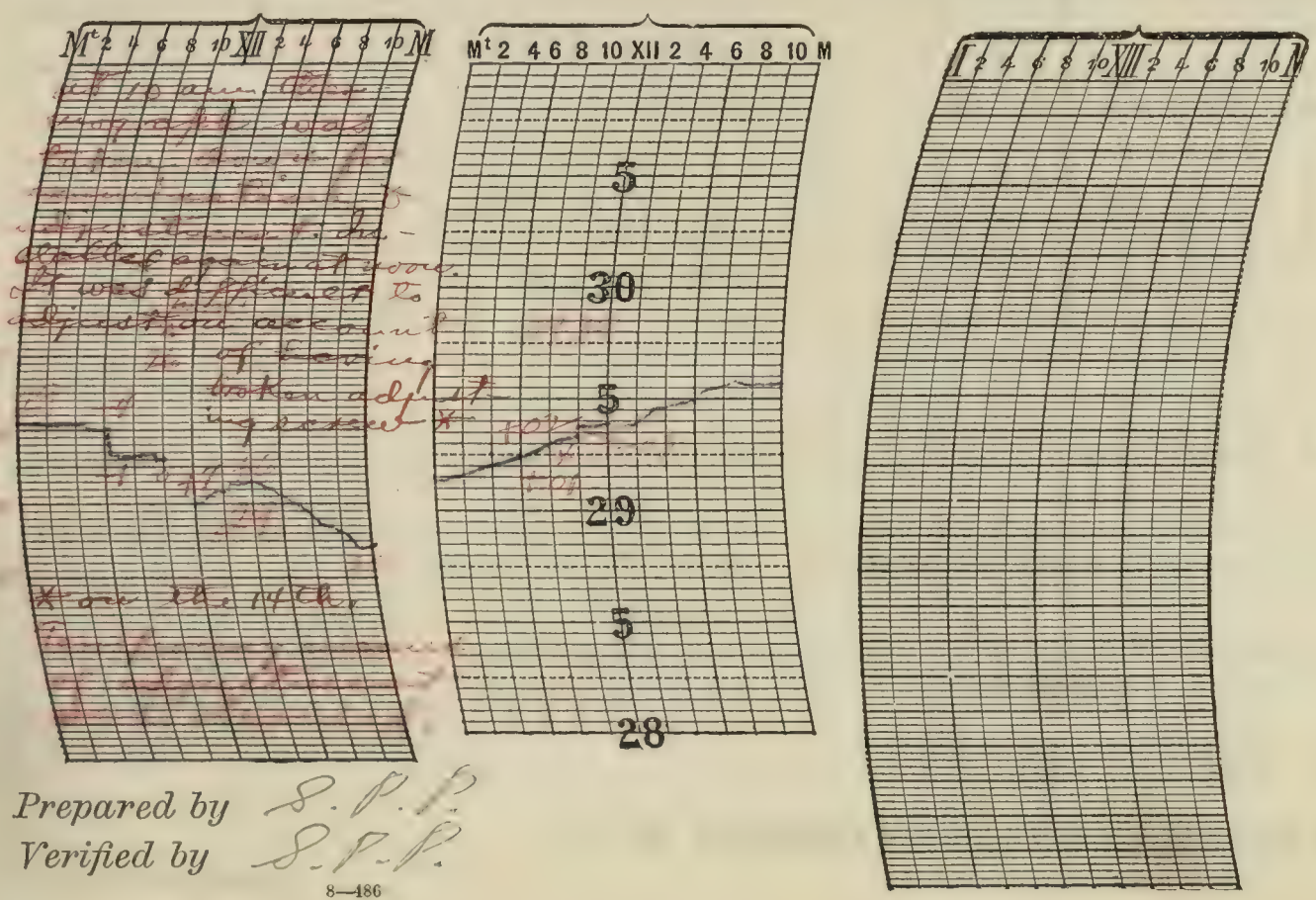
Average hourly velocity, 8.2

Maximum velocity,	Direction,	Time.
15 (Extreme velocity 16)	W W	8:24 am 8:25 a

Relative humidity, 94 a. m. _____ p. m.

Reduced barometer, 29.86 a. m. _____ p. m.

River gage, 18.8, falling; 5 pm, 18.8



NOTES.

River stage telegraphed to St Louis, Mo. at 7 am.

Prepared by S. P. P.

Verified by S. P. P.

8—186

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) LA SALLE ILL, (Day of week) Thursday, (Date) NOV 16 1911 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	22	21	21	20	19	19	19	21	24	28	32	34	36	36	36	36	35	34	35 RB 6:30	35	35	34		
State of weather: Nature of precipitation and time of beginning and ending																				*				
Amounts of precipitation																			←	.25				
Cloudiness and other conditions	Mean visible		Clear			X	RC	X	Cloudy		X	RC	X	Cloudy										
Sunrise: Time, Character,	6:45 Cloudy																				Sunset: Time, Character,			4:37 Cloudy
Sunshine (in tenths of hours)							0	0	0	0.1	0.5	7	0.7	0.6	0	0	0							
Wind direction	NE	NE	NE	NE	NE	NE	NE	E	E	E	E	E	SE	E	E	E	E	E	E	E	E	E	E	E
Wind movement	4	5	3	5	4	5	7	7	7	5	9	11	14	16	15	17	17	17	15	17	15	17	15	12
Maximum velocities (exceeding 25 miles)																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts.

Maximum.	Minimum.	Mean.	Normal.
36	19	25	37

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, inches

Precipitation to 7 a. m., 0 ins.; to 7 p. m., .01 ins.

Total precipitation, midnight to midnight, .25 inches

Character of day, Cloudy (9) Moon phase

Actual sunshine, hours, 1.5

Possible sunshine, hours, 9.8

Percentage of possible sunshine, 26

Prevailing direction East

Total movement, 257

Average hourly velocity, 10.7

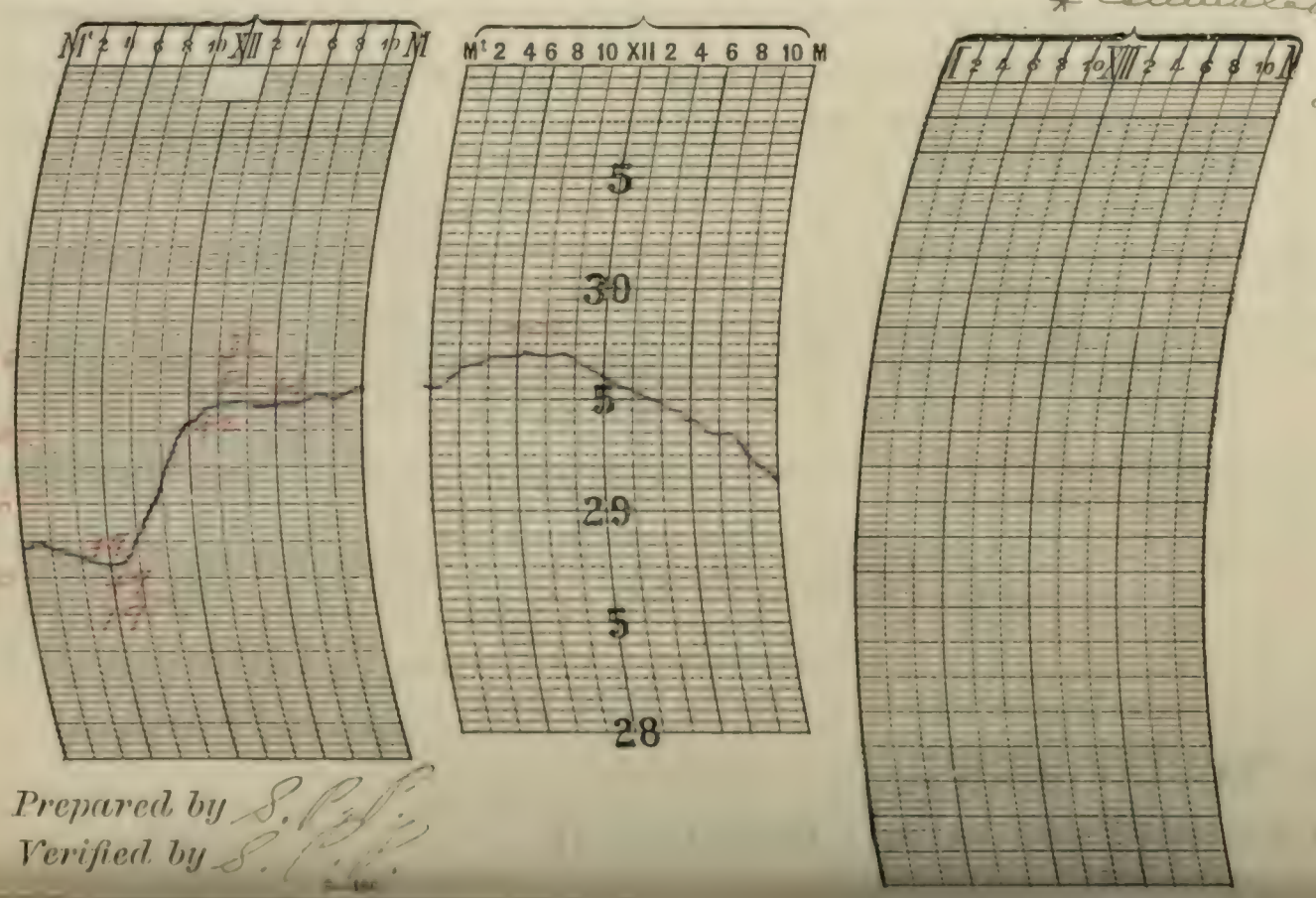
Maximum velocity.	Direction.	Time.
21	E	4:45 p.m.
Excessive velocity 22	E	4:15 p.m.

Relative humidity, 76 a. m. p. m.

Reduced barometer, 30.31 a. m. p. m.

River gage, 18.8 Ou stand. 5 p.m. 18.6

* Estimated



NOTES.

River stage telegraphed to Ed Fowler at 7 a.m.

Prepared by S. P.

Verified by S. P.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Friday, (Date) NOV 17 1911, 191

Time (local standard), 90 mer.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	38	38	43	43	44	44	47	48	51	53	53	40	37	35	34	33	32	32	32	32	31	30	31	[illegible]
							RE 6:35			RB 7:40						RE 3:40; SME 3:40		SME 5:05						
State of weather: Nature of precipitation and time of beginning and ending			*																					
Amounts of precipitation			30										T											
Cloudiness and other conditions												Cloudy												
Sunrise: Time, Character	6:46 Cloudy																				Sunset: Time, Character	4:36 Cloudy		
Sunshine (in tenths of hours)							0	0	0	0	0	0	0	0	0	0	0							
Wind direction	SE	SE	SE	SE	SE	SE	SW	S	S	S	SW	W	W	W	W	W	W	W	W	W	W	W	W	W
Wind movement	10	14	9	8	6	5	11	13	16	17	21	21	23	21	21	20	22	21	22	19	19	20	17	18
Maximum velocities (exceeding 25 miles)												11:13 SW 27	12:47 W 30	1:06 W 28			4:32 W 27		6:49 W 27	7:07 W 26		9:10 W 25		

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
53	27	40	*37

Total depth of snow for 24 hours ending 7 p. m., T inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, T inches.

Precipitation to 7 a. m., .54 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, *.30 inches.

Character of day, Cloudy (P) Moon phase,

Actual sunshine, hours, 0

Possible sunshine, hours, 9.8

Percentage of possible sunshine, 0

Prevailing direction, West

Total movement, 394

Average hourly velocity, 16.4

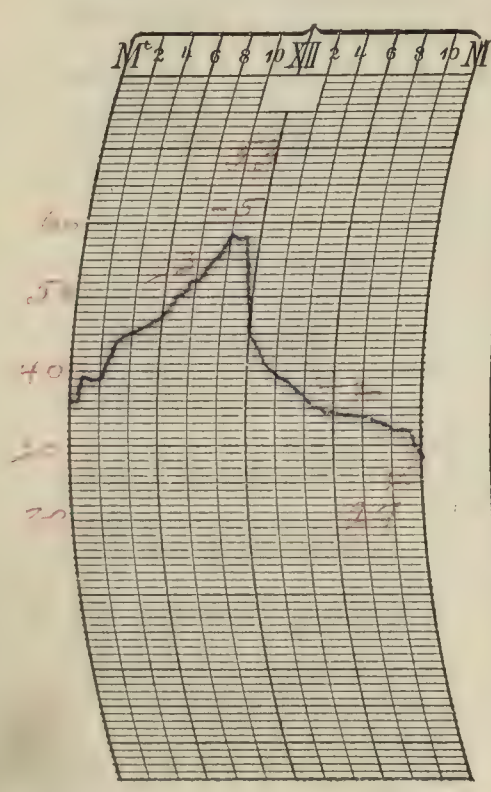
Maximum velocity,	Direction,	Time.
30	W	12:47 pm
Extreme vel.	34 — W	— 12:55 pm

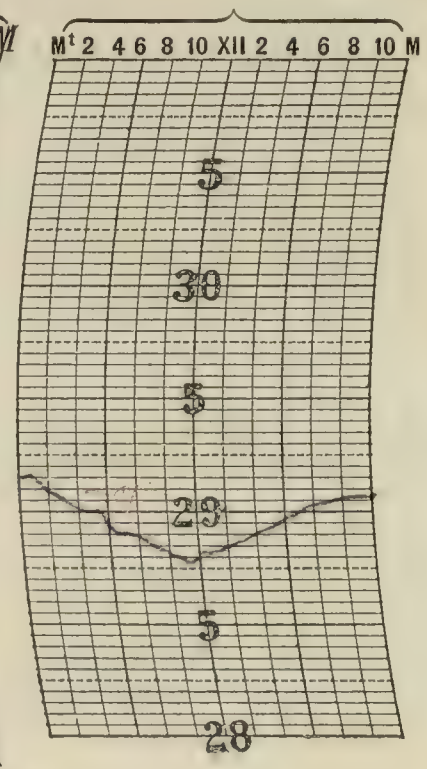
Relative humidity, 89 a. m. p. m.

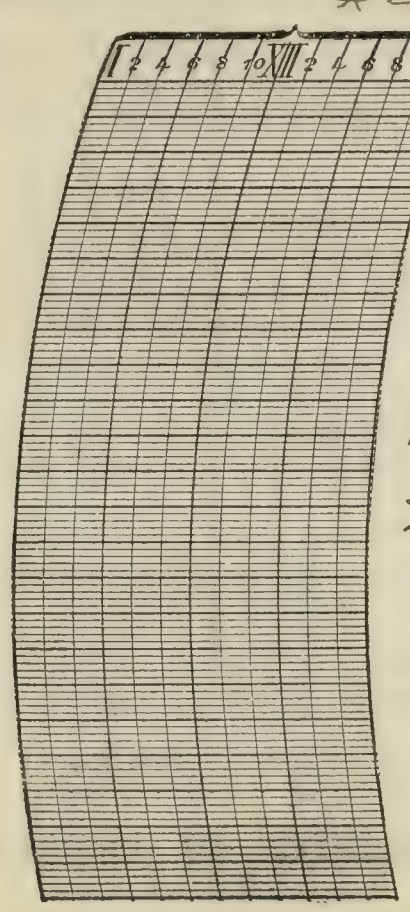
Reduced barometer, 29.47 a. m. p. m.

River gage, 18.6 One stand; 5 pm, 18.9

* Estimated. x melted as it fell.







NOTES.

River stage telegraphed to St. Louis at 7 am.

The following message was received from Chicago at 2:16 pm: "Moderate cold wave indicated for Illinois ordered by Washington. Temperature will fall thirty degrees next 24 hours." Interests notified by phone and warning cards mailed. Cold wave flag hoisted at 2:20 pm and lowered at sunset.

Thunderstorm: First & last thunders heard 2 Ma. Storm came from SE.

Prepared by S. P. S.

Verified by S. P. S.

8—186

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Saturday, (Date) NOV 1 1911, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	26	26	26	26	28	28	27	26	25	24	26	27
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions				Moon visible							Clear	
Sunrise: Time, Character,	6:47 Clear											
Sunshine (in tenths of hours)							.22 0	0.7 0.3	1.0	1.0	1.0	1.0
Wind direction	W	W	W	W	W	W	W	W	W	W	W	W
Wind movement	16	14	14	15	15	12	16	18	21	23	21	22
Maximum velocities (exceeding 25 miles)									8:36 W 26	9:10 W 28	10:23 W 25	

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	30	31	32	31	31	31	30	29	28	27	27	25
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions												
Sunset: Time, Character,									4:35 Clear			
Sunshine (in tenths of hours)	1.0	1.0	1.0	.02 0.8	.58 0							
Wind direction	W	W	W	W	W	W	W	W	W	W	W	W
Wind movement	22	21	20	18	17	13	12	12	14	14	13	13
Maximum velocities (exceeding 25 miles)	12:15 W 26	1:01 W 26										

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
32	24		37

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight 0 inches.

Character of day, Clear. Moon phase.

Actual sunshine, hours, 9.8

Possible sunshine, hours, 9.8

Percentage of possible sunshine, 100

Prevailing direction, West

Total movement, 396

Average hourly velocity, 16.5

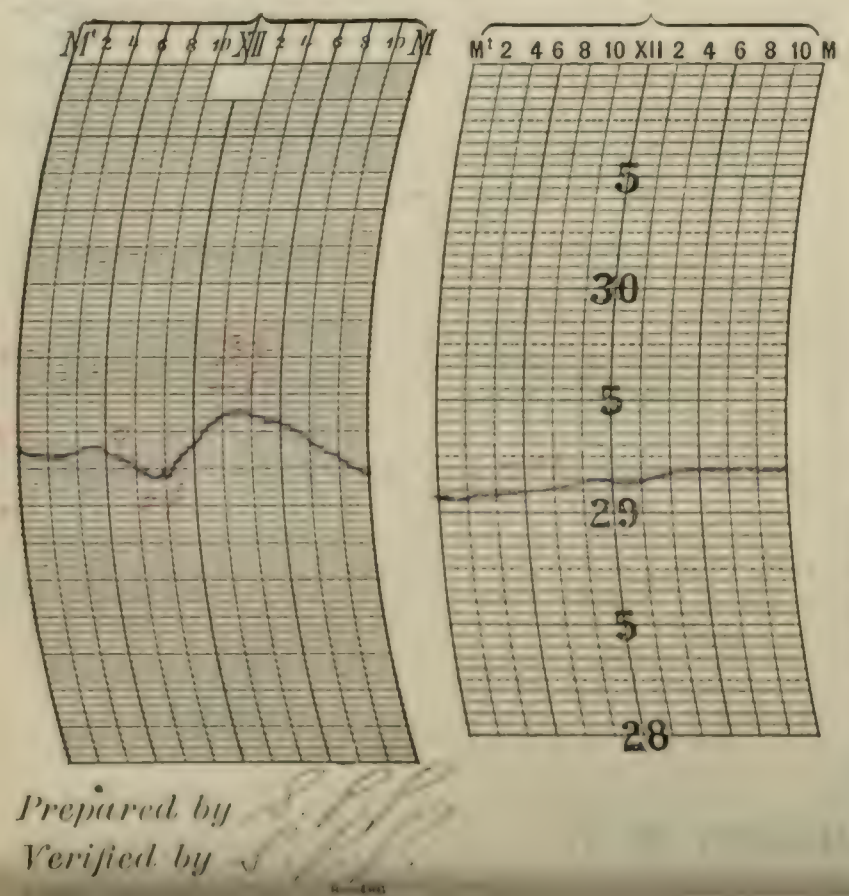
Maximum velocity.	Direction.	Time.
28	W	9:10 am
Extreme velocity	30 - W - 9:08 a	

Relative humidity, 65 a. m. p. m.

Reduced barometer, 27.67 a. m. p. m.

River gage, 19.3, rising; 11:30 am 19.6, 3:00 pm 19.8, 5:00 pm 20.0

Excessive precipitation, accumulated amounts.	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.



NOTES.

River stage telegraphed to St. Louis at 7 am. Five free river stage telegraphs to St. Louis. Cold Wave accurred this date. The greatest 24 hour fall was 29° — from 53° at 10 am of the 17th to 24° at 10 am of the 18th.

Prepared by

Verified by

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LAFAYETTE, (Day of week) Sunday, (Date) NOV 19 1911, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	24	23	21	22	20	20	19	20	23	27	29	28	28	29	29	30	30	30	32	32	34	36	35	35
State of weather: Nature of precipitation and time of beginning and ending													Snow 12:48								Snow			
Amounts of precipitation																.01						T		
Cloudiness and other conditions		Moon visible		Clear							P.C.		Cloudy											
Sunshine (in tenths of hours)							.2 0	1.0 0	0.1 0.9	1.0	1.0	0.2	0	0	0	0	0							
Wind direction	W	W	W	W	W	W	W	W	W	SW	SW	SW	SW	S	S	S	S	S	SE	S	SW	W	W	W
Wind movement	11	8	7	8	8	8	8	7	8	11	12	12	9	6	5	5	6	5	4	6	11	13	11	10
Maximum velocities (exceeding 25 miles)																								

Sunrise: Time, 6:48; Character, Clear

Sunset: Time, 4:35; Character, Cloudy

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
36	19	28	36

Total depth of snow for 24 hours ending 7 p. m., 0.2 inches.

Snow on ground 7 p. m., 0.2 inches.

Total snowfall, midnight to midnight, 0.2 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., .01 ins.

Total precipitation, midnight to midnight, .01 inches.

Character of day, P.Cloudy, (L) Moon phase,

Actual sunshine, hours, 4.4

Possible sunshine, hours, 9.8

Percentage of possible sunshine, 45

Prevailing direction, West

Total movement, 199

Average hourly velocity, 8.3

Maximum velocity,	Direction,	Time.
17	SW	9:12 pm
Greatest vel. 18	SW	9:12 pm

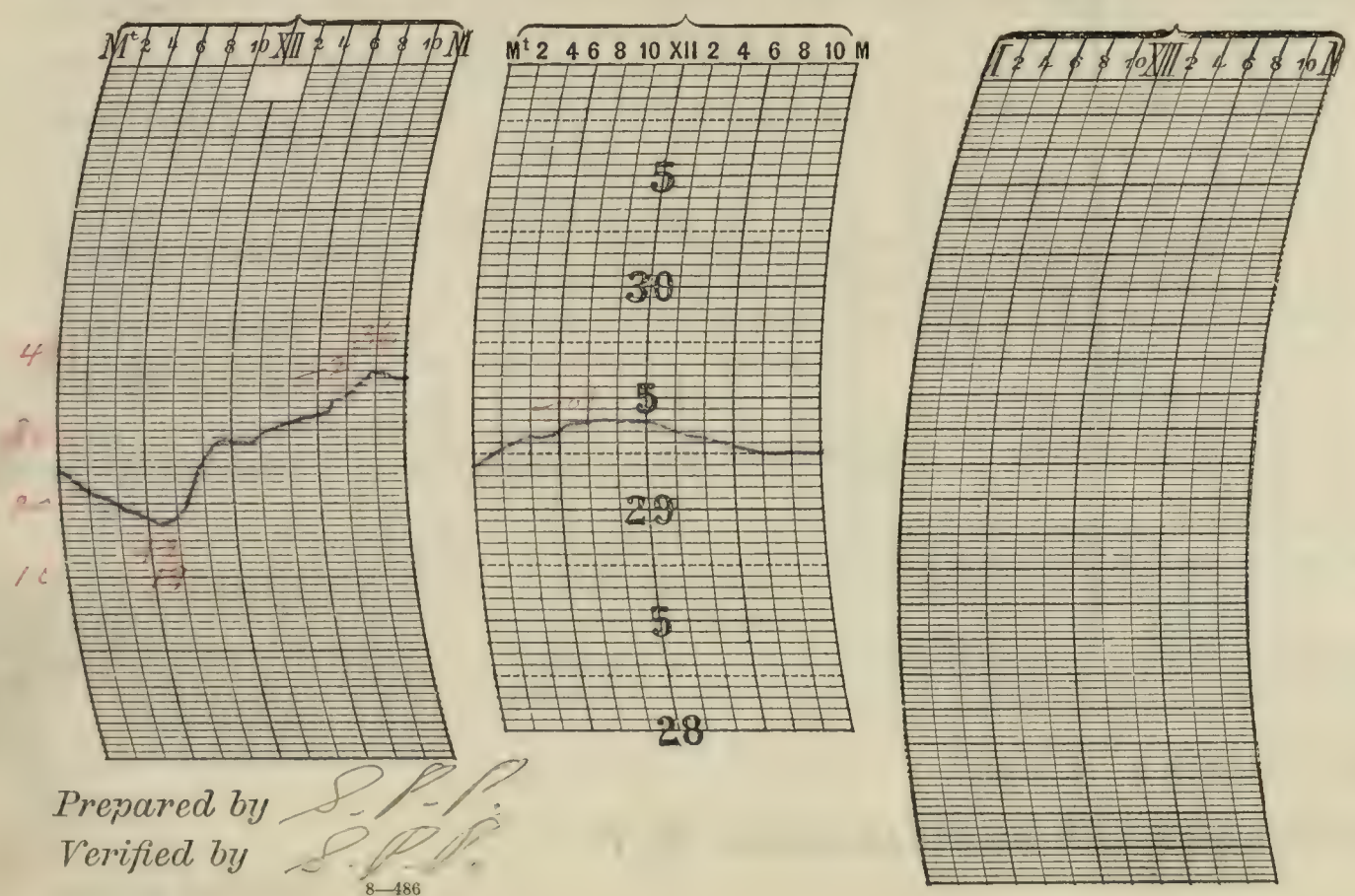
Relative humidity, 85 a. m. p. m.

Reduced barometer, 29.98 a. m. p. m.

River gage, 20.5, rising; 11:00 am, 20.6; 5:00 pm, 20.5

NOTES.

7 am river stage telegraphed to St Louis.



Prepared by S. P. S.

Verified by S. P. S.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Monday, (Date) NOV 20 1911, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	34	34	36	37	33	26	26	23	23	23	25	27	28	29	29	29	29	28	27	26	26	25	[illegible]	[illegible]
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions			Cloudy		→ Clear				Cloudy															
Sunrise: Time, Character,	6:50 Cloudy																				Sunset: Time, Character, 4:34 Cloudy			
Sunshine (in tenths of hours)							0	0	0	0	0	0	0	0	0	0	0							
Wind direction	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W
Wind movement	11	7	11	15	23	21	21	20	17	17	15	13	16	13	12	12	9	7	3	3	4	6	3	4
Maximum velocities (exceeding 25 miles)					4:44 W 30	5:05 W 25		7.30 W 25																

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
38	23	30	[illegible]

Total depth of snow for 24 hours ending 7 p. m., T inches

Snow on ground 7 p. m., T inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., T ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Cloudy (0) Moon phase, 2:49 pm

Actual sunshine, hours, 0

Possible sunshine, hours, 9.7

Percentage of possible sunshine, 0

Prevailing direction, W

Total movement, 283

Average hourly velocity, 11.8

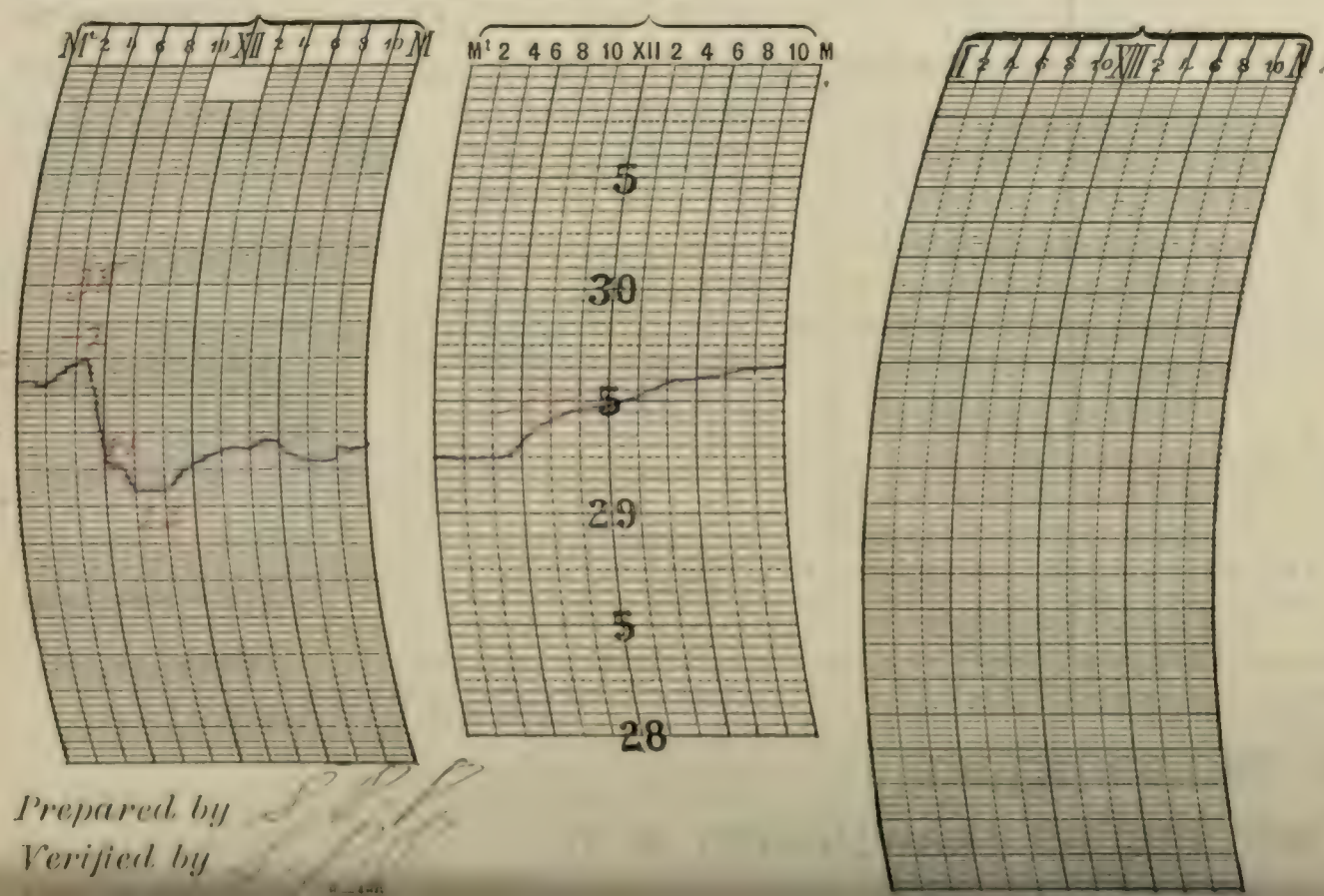
Maximum velocity,	Direction,	Time,
30	W	4:44 am
Extreme vel. 31	W	4:45 am

	a. m.	p. m.
Relative humidity,	75	
Reduced barometer,	29.93	
River gage,	20.5, On stand;	11:00 am 20.5; 5:00 pm 20.6

	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

NOTES.

7 am river stage telegraphed to St Louis



Prepared by

Verified by

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE ILL., (Day of week) Sunday, (Date) NOV 21 1915, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	29	30	30	28	26	25	22	23	25	30	34	36	37	38	38	38	35	33	32	32	32	31	31	31
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions								Clear																
Sunshine (in tenths of hours)							.15 0	0.7 0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.22 0.8	.55 0							
Wind direction	W	W	W	W	W	W	W	W	W	W	NE	NE	SE	SE	E	S	SE	SE	SE	SE	SE	SE	SE	SE
Wind movement	3	4	5	7	6	6	6	6	6	4	2	3	4	3	4	4	5	5	6	6	6	7	7	9
Maximum velocities (exceeding 25 miles)																								

Sunrise: Time, 6:51 Character, Clear

Sunset: Time, 4:33 Character, Clear

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
38	22	30	35

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Actual sunshine, hours, 9.6

Possible sunshine, hours, 9.7

Percentage of possible sunshine, 99

Prevailing direction, Southeast

Total movement, 124

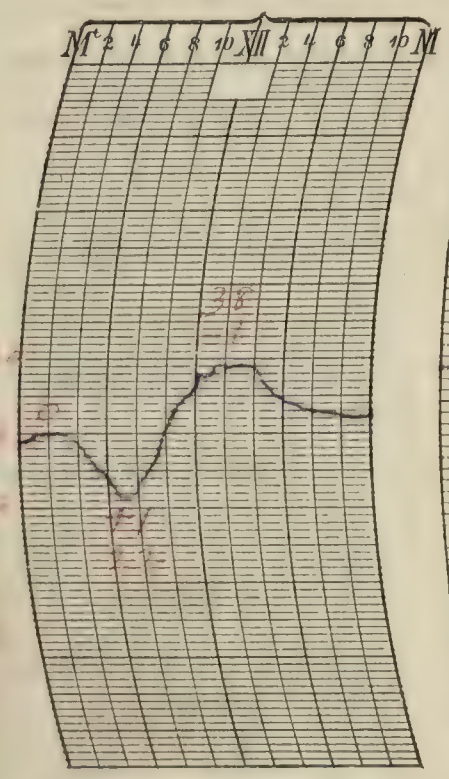
Average hourly velocity, 5.2

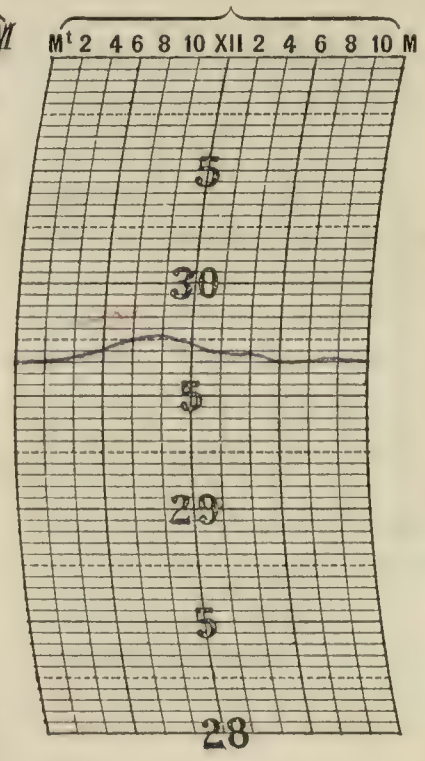
Maximum velocity,	Direction,	Time.
11	SE	11:25 pm
	11-SE	11:25 pm

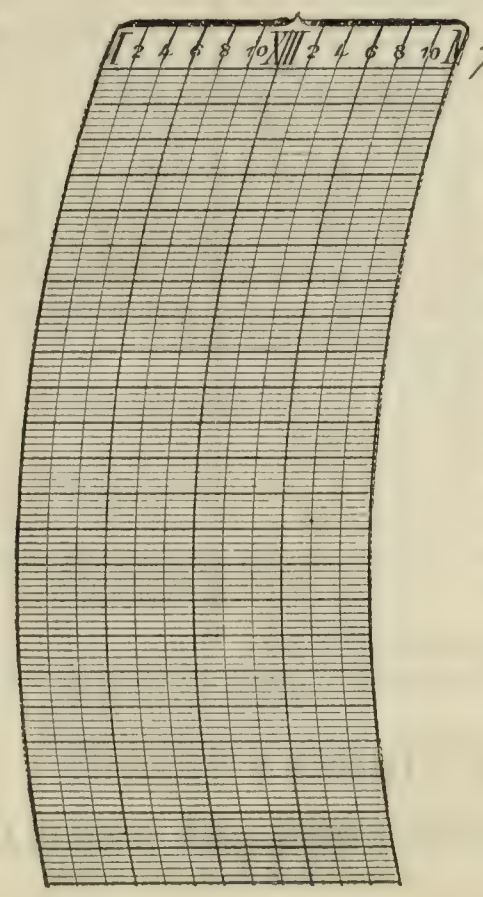
Relative humidity, 93 a. m. p. m.

Reduced barometer, 30.32 a. m. p. m.

River gage, 20.5 On stand; 5 pm 20.5







NOTES.

7 am river stage telegraphed to St. Louis

Prepared by S. P. S.

Verified by S. P. S.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE ILL, (Day of week) Wednesday, (Date) NOV 22 1911 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	31	31	31	30	30	30	30	31	34	37	39	41	43	42	43	42	41	41	39	39	39	39	40	37
																			RB 6:40					
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																			← .04					
Cloudiness and other conditions					Clear				* P.C. *				Cloudy											
Sunrise: Time, Character	6:51 Clear																				Sunset: Time, Character	4:33 Cloudy		
Sunshine (in tenths of hours)							.1 0	.5 0	0.8	0.6	0	0.2	0.9	0	0	0	0							
Wind direction	SE	SE	SE	SE	SE	SE	SE	SE	SE	S	S	S	S	S	SE	S	S	SE	S	SW	SW	SW	SW	SW
Wind movement	8	7	9	8	9	9	12	12	11	12	11	10	10	9	7	4	5	3	5	3	4	4	9	7
Maximum velocities (exceeding 25 miles)																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
43	30	36	35

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., .01 ins.

Total precipitation, midnight to midnight, .04 inches.

Character of day, Cloudy (8) Moon phase.

Actual sunshine, hours, 3.4

Possible sunshine, hours, 9.7

Percentage of possible sunshine, 35

Prevailing direction, [illegible]

Total movement, 188

Average hourly velocity, 7.8

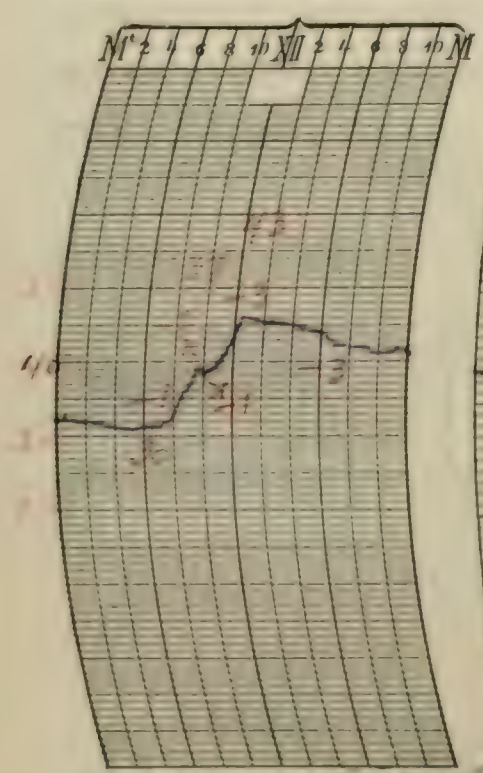
Maximum velocity,	Direction,	Time.
17	S	10:57 am
Extreme vel. 18	S	10:57 am

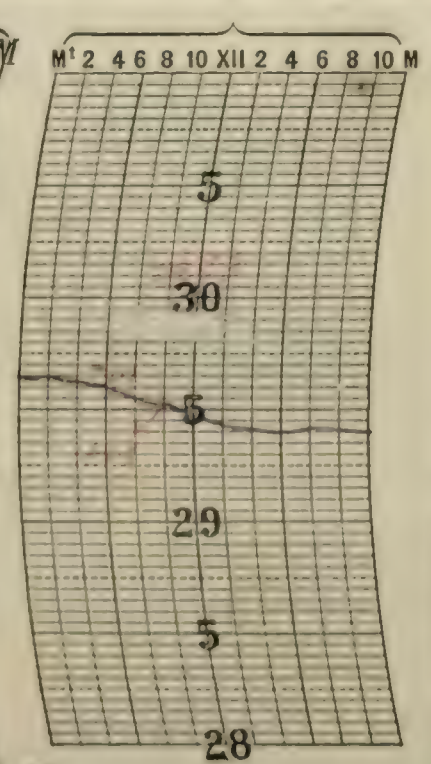
Relative humidity, 84 a. m. p. m.

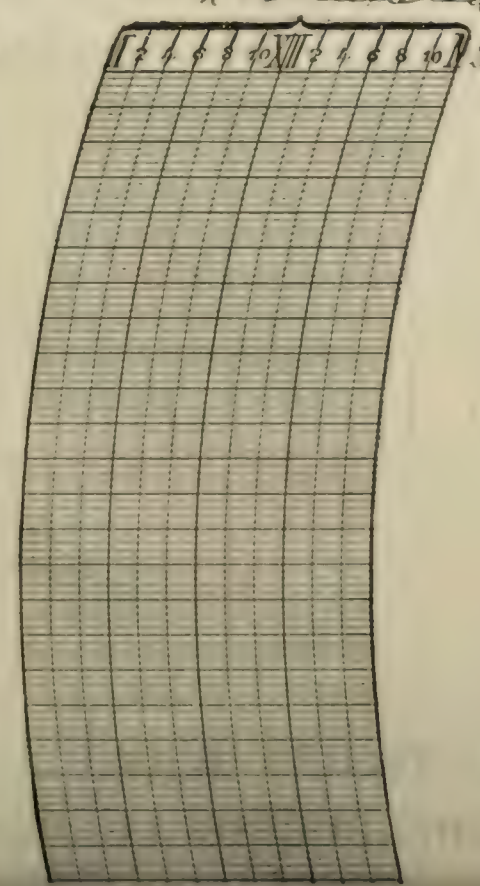
Reduced barometer, 30.16 a. m. p. m.

River gage, 28.3, falling [illegible]

* Estimated







NOTES.

Seven [illegible] river stage telegraphed to [illegible]

Prepared by

Verified by

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Thursday, (Date) NOV [illegible], 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	34	34	33	32	32	32	29	28	28	28	28	26
State of weather: Nature of precipitation and time of beginning and ending			R E D Ua									
Amounts of precipitation		-02		T								
Cloudiness and other conditions										Cloudy		
Sunrise: Time, Character,	6:53 Cloudy											
Sunshine (in tenths of hours)							0	0	0	0	0	0
Wind direction	W	W	W	W	W	W	W	W	W	W	W	W
Wind movement	11	8	9	11	10	10	14	14	11	11	12	14

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	24	24	24	24	24	24	24	23	23	23	22	22
State of weather: Nature of precipitation and time of beginning and ending		S^d B 1:07 S^d 1:35								S^d B D Kp		
Amounts of precipitation		T									T	
Cloudiness and other conditions												
Sunset: Time, Character,									4:32 Cloudy			
Sunshine (in tenths of hours)	0	0	0	0	0							
Wind direction	W	W	W	W	W	W	W	W	W	W	W	W
Wind movement	14	13	15	14	15	15	14	15	14	15	14	13

Maximum velocities (exceeding 25 miles)

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
39	22	30	35

Total depth of snow for 24 hours ending 7 p. m., T inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, T inches.

Precipitation to 7 a. m., .05 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, .03* inches.

Character of day, Cloudy (10) Moon phase,

Actual sunshine, hours, 0

Possible sunshine, hours, 9.6

Percentage of possible sunshine, 0

Prevailing direction West & Northwest

Total movement, 306

Average hourly velocity, 12.8

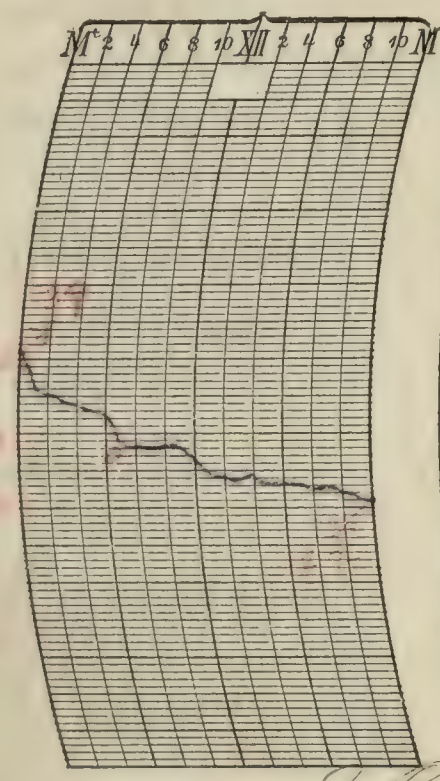
Maximum velocity,	Direction,	Time.
19	W	6:43 am
Maximum vel. 22	W	6:44 am

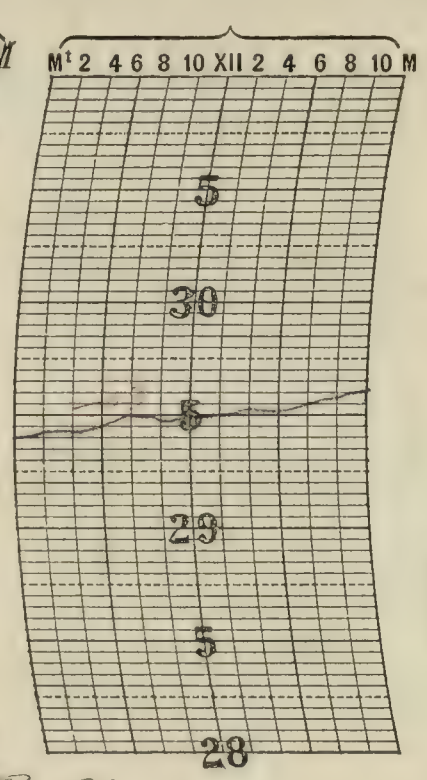
Relative humidity, 78 a. m. ____ p. m.

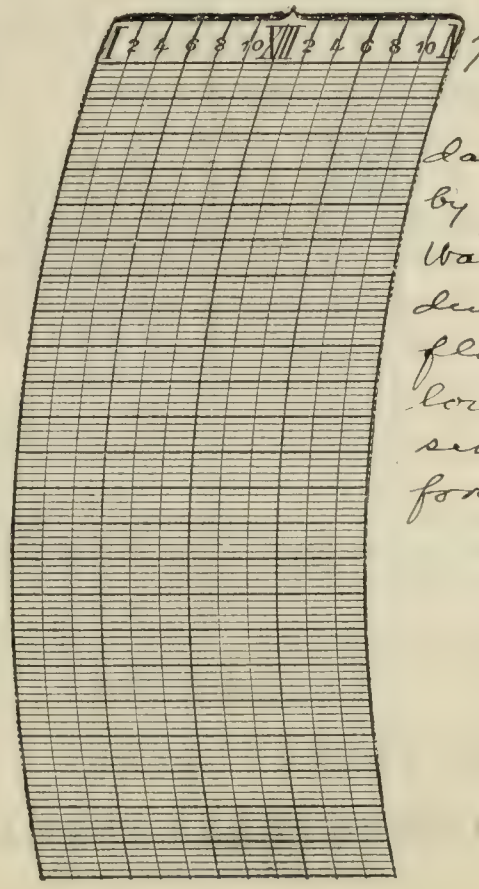
Reduced barometer, 30.03 a. m. ____ p. m.

River gage, 20.0, falling; 5 jan, 19.9

* Estimated.







NOTES.

7 am. river stage telegraphed to St Louis. At 6:55 am, The following telegram, dated Washington, D.C., Nov. 22, was received by phone from Rock Island office: "Cold Wave. Temperature will fall twenty degrees during the next 24 hrs." The cold wave flag was immediately hoisted; it was lowered again at 9:00 am owing to absence of Cold Wave warning from am. forecast message received at 8:45 am.

Prepared by S. P. [illegible]

Verified by S. P. [illegible]

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Friday, (Date) NOV 24 1911, 191

Time (local standard), 75th mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	22	22	23	23	23	23	23	22	21	21	24	27	27	29	30	30	29	28	26	26	27	27	25	25
State of weather: Nature of precipitation and time of beginning and ending			5 & L D Ha						5 & B 8:30 5 & L 8:45															
Amounts of precipitation	—	T	→						T															
Cloudiness and other conditions				Cloudy					→ H R C ←				Clear											

Sunrise: Time, 6.54 Character, Cloudy

Sunset: Time, 4.31 Character, Clear

	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)							0	0	0.3	1.0	1.0	1.0	1.0	1.0	1.0	0.5 0.3	1.5 0							
Wind direction	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	SW	SW	SW	SW	SW	SW
Wind movement	15	12	14	12	13	13	13	14	13	12	11	11	12	11	10	8	6	6	7	8	9	11	11	12
Maximum velocities (exceeding 25 miles)																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal
30	20	25	34

Total depth of snow for 24 hours ending 7 p. m. T inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, T inches.

Precipitation to 7 a. m., T ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Clear (3) Moon phase,

Actual sunshine, hours, 7.6

Possible sunshine, hours, 9.6

Percentage of possible sunshine, 79

Prevailing direction, West

Total movement, 264

Average hourly velocity, 11.0

Maximum velocity,	Direction,	Time
18	W	7:33 am
Extreme vel. 18	W	7:33 am

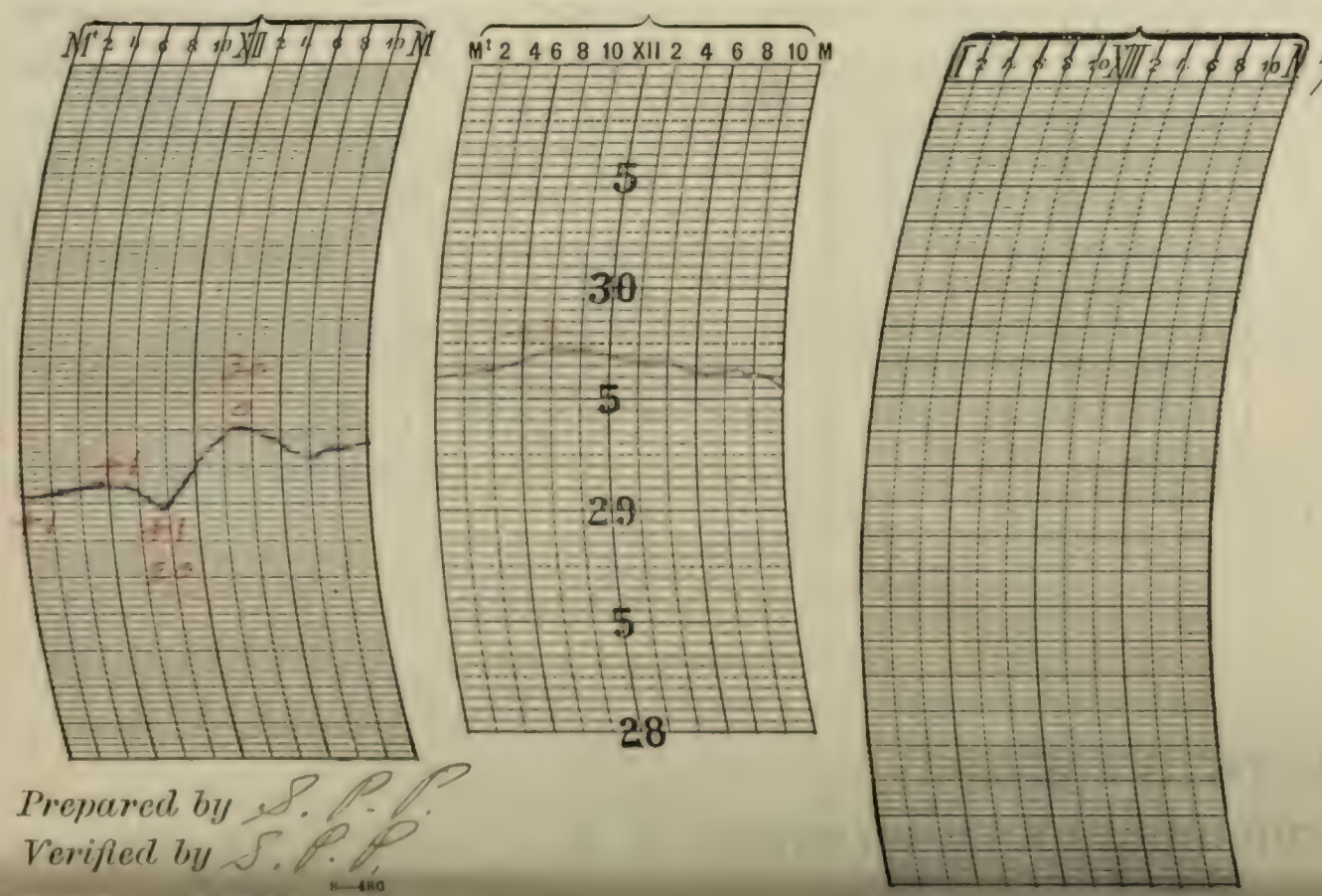
Relative humidity, 80 a. m. p. m.

Reduced barometer, 30.27 a. m. p. m.

River gage, 1.9 [illegible]

NOTES.

7 am river stage telephoned to S.L.



Prepared by S. P. C.
Verified by S. P. C.

8—480

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Saturday, (Date) NOV 25 1911, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	28	28	28	27	26	26	26	26	28	31	35	38
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions									Clear			
Sunrise: Time, Character,	6:56 Clear											
Sunshine (in tenths of hours)							.07 0	1.0 0	.5 0.5	1.0	1.0	1.0
Wind direction	SW	SW	SW	SW	SW	W	W	W	W	W	SW	SW
Wind movement	11	12	12	11	10	10	10	10	11	11	11	13
Maximum velocities (exceeding 25 miles)												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	41	43	43	42	40	40	40	40	39	38	38	38
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions							Moon visible.					
Sunset: Time, Character,									4:31 Clear			
Sunshine (in tenths of hours)	1.0	1.0	1.0	.9 0.1	.52 0							
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	15	15	13	12	11	13	16	17	15	12	13	12

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
44	26	35	34

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear (1) Moon phase,

Actual sunshine, hours, 9.6

Possible sunshine, hours, 9.6

Percentage of possible sunshine, 100

Prevailing direction Southwest

Total movement, 296

Average hourly velocity, 12.3

Maximum velocity,	Direction,	Time.
20	SW	7:09 pm
Extreme vel., 20	SW	7:09 pm

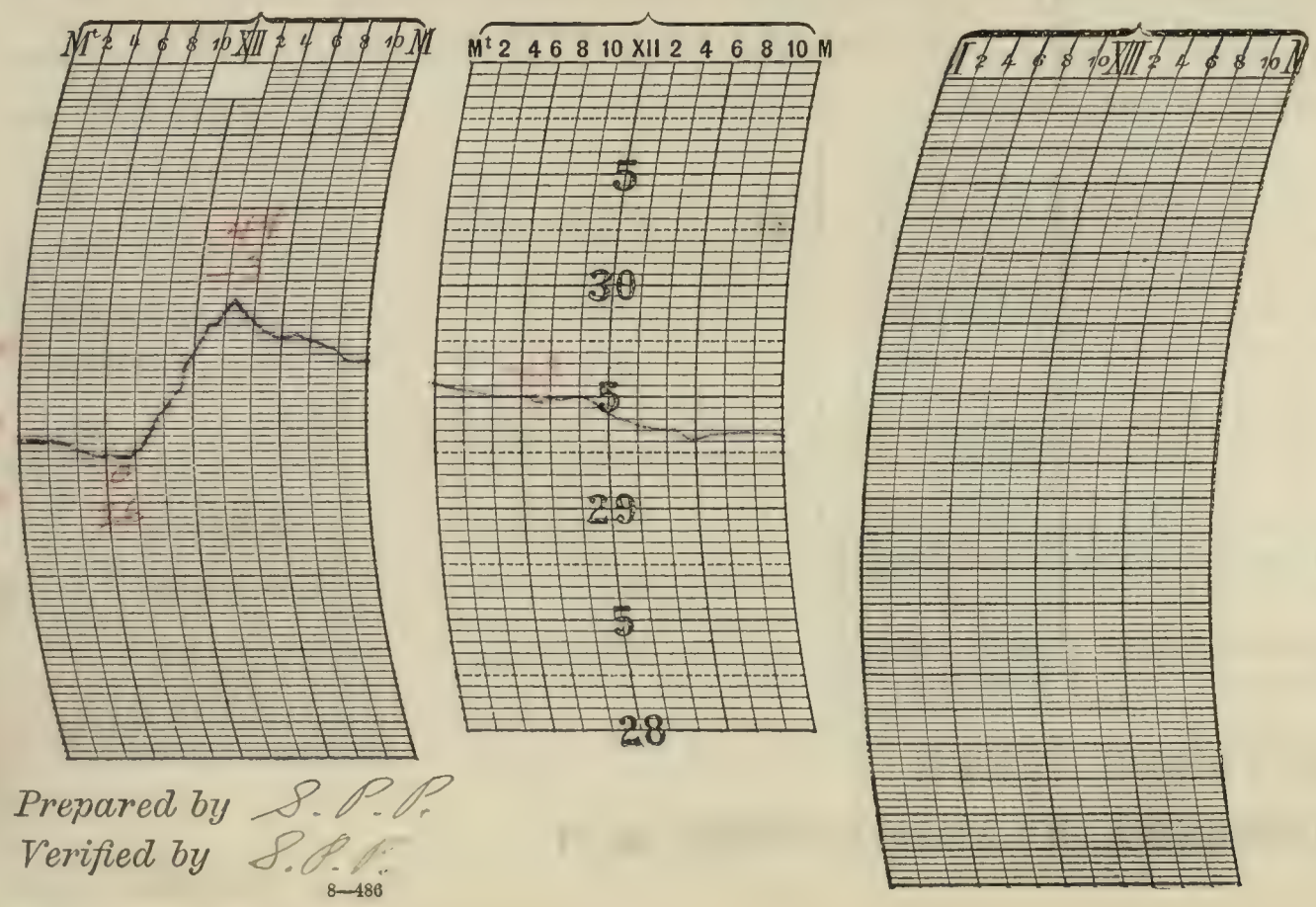
Relative humidity, 88 a. m. p. m.

Reduced barometer, 30.06 a. m. p. m.

River gage, 17.6 ft. above zero

NOTES.

7 am river stage telegraphed to St Louis.



Prepared by S. P. P.

Verified by S. P. P.

8—486

Form No. 1011—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Sunday, (Date) NOV 26 1911, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	37	36	36	35	35	34	32	31	34	38	43	46	48	49	49	48	47	44	43	40	35	33	[illegible]	[illegible]
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions											Clear								Moon rise					
Sunrise: Time, Character,	6:57 Clear																				Sunset: Time, Character,	4:30 Clear		
Sunshine (in tenths of hours)							.05 0	0.6 0	0.6	1.0	0.8	1.0	1.0	1.0	1.0	0.3 0.7	.50 0							
Wind direction	SW	SW	W	SW	SW	SW	SW	SW	SW	SW	SW	S	S	S	S	S	SE	SE	SE	SE	S	S	S	S
Wind movement	10	8	8	7	6	5	5	6	7	5	4	5	5	6	6	5	3	3	4	3	3	3	4	3
Maximum velocities (exceeding 25 miles)																								

Maximum.	Minimum.	Mean.	Normal.
49	31	40	34

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight 0 inches.

Character of day, Clear Moon phase,

Actual sunshine, hours, 8.6

Possible sunshine, hours, 9.6

Percentage of possible sunshine, 90

Prevailing direction, Southwest

Total movement, 124

Average hourly velocity, 5.2

Maximum velocity,	Direction,	Time
12	SW	12:30
Extreme	12-SW	

Relative humidity, 85 a. m. p. m.

Reduced barometer, 29.95 a. m. p. m.

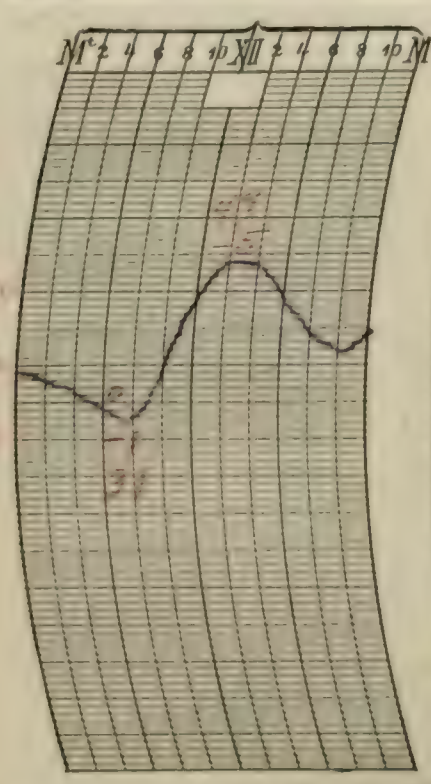
River gage, 19.4, falling

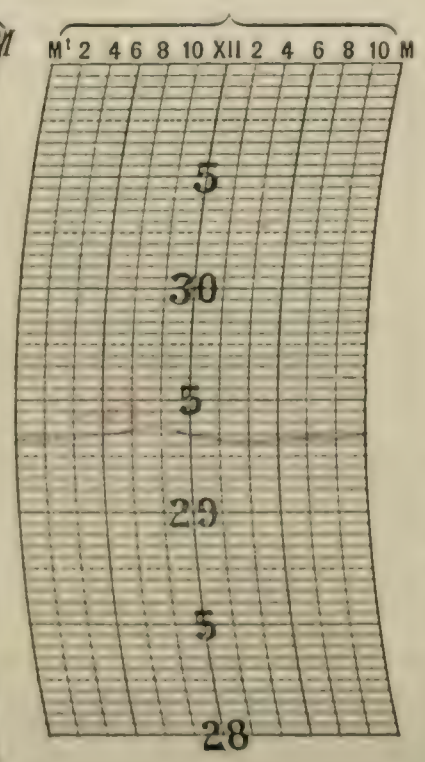
Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

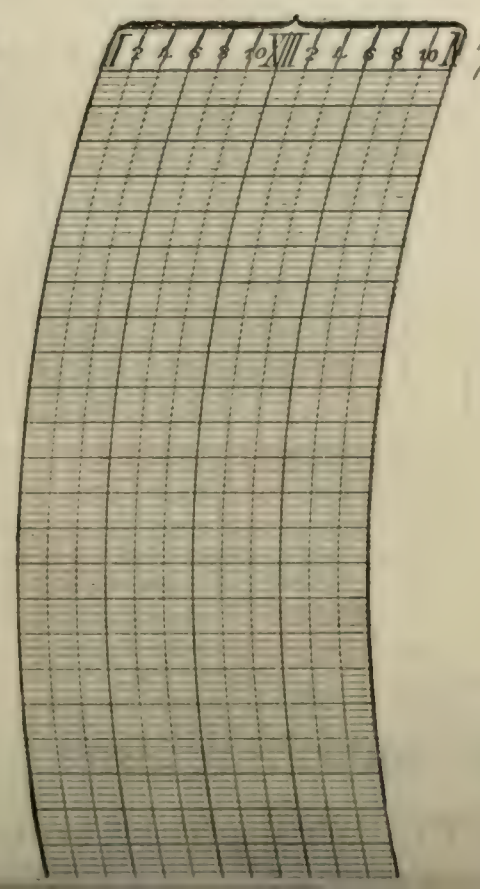
Accumulated depths during excessive rate, for consecutive periods of time indicated below.

NOTES.

Yazoo river stage telegraphed to St. Louis







Prepared by S. P. P.
Verified by S. P. P.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Wednesday, (Date) NOV 27 1912, 191

Time (local standard), 90 mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	41	41	41	40	39	39	39	39	41	45	46	45	48	50	50	48	46	43	38	35	35	35	34	34
State of weather: Nature of precipitation and time of beginning and ending																						RB 7:15		
Amounts of precipitation																							* .09	
Cloudiness and other conditions					— Rt cldy					—		cloudy												
Sunrise: Time, 6:58 Character, clear																					Sunset: Time, 4:30 Character, cloudy			
Sunshine (in tenths of hours)							.03 0	0.8 0.2	1.0	1.0	1.0	1.0	0.8	1.0	0.7	0	0							
Wind direction	W	W	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	NE	NE	N	N	NE	NE	NE	NE
Wind movement	4	4	8	9	5	11	11	11	8	8	8	7	9	7	4	3	4	7	10	9	9	11	9	11
Maximum velocities (exceeding 25 miles)																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
51	34	42	33

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, * .09 inches.

Character of day, Cloudy (2) Moon phase,

Actual sunshine, hours, 7.5

Possible sunshine, hours, 9.5

Percentage of possible sunshine, 79

Prevailing direction, Southwest

Total movement, 187

Average hourly velocity, 7.8

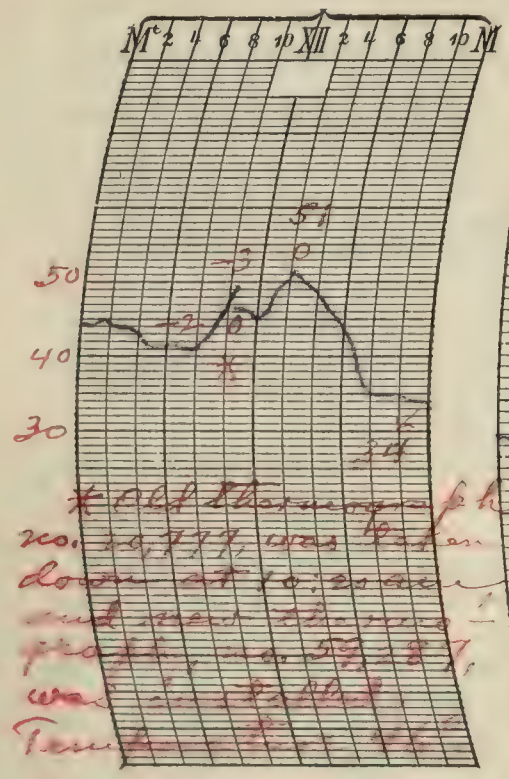
Maximum velocity,	Direction,	Time.
15	SW	7:40 am
Extreme vel. 16	SW	7:40 am

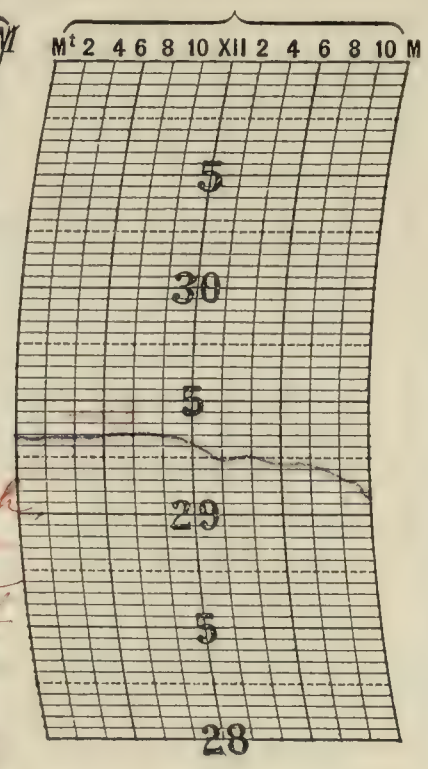
Relative humidity, 68 a. m. ____ p. m.

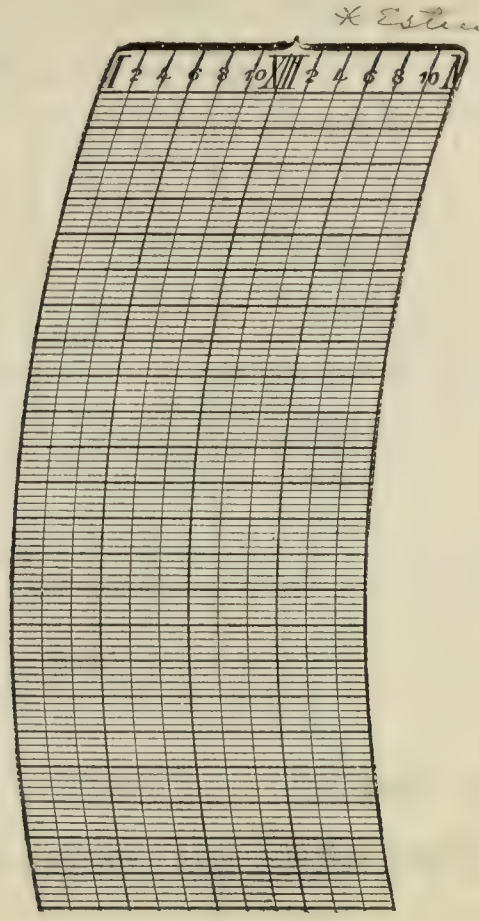
Reduced barometer, 29.90 a. m. ____ p. m.

River gage, 19.1 falling.

* Estimated.







NOTES.

7 am river stage telegraphed to St Louis.

Prepared by S.P.P.

Verified by S.P.P.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Tuesday, (Date) NOV 28 1911 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	33	33	33	34	33	32	30	29	28	28	28	27
Nature of precipitation and time of beginning and ending		R	RDHa			S^me 6:00						
			S^me BDHaSB			6:00						
Amounts of precipitation			*.17					T				
Cloudiness and other conditions									Cloudy			
Sunrise: Time, Character,	6:59 Cloudy											
Sunshine (in tenths of hours)							0	0	0	0	0	0
Wind direction	NE	NE	N	NW	NW	NW	NW	NW	NW	NW	NW	NW
Wind movement	10	6	6	10	13	17	17	18	18	16	15	14

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	27	27	26	25	24	23	22	21	21	21	21	21
Nature of precipitation and time of beginning and ending									S^me DHa			
Amounts of precipitation												
Cloudiness and other conditions								Moon visible at intervals				
Sunset: Time, Character,									4:20 Cloudy			
Sunshine (in tenths of hours)	0	0	0	0	0							
Wind direction	NW	NW	NW	NW	NW	NW	N	NW	NW	NW	NW	NW
Wind movement	16	17	14	16	14	16	14	17	16	15	15	13

State of weather:

Maximum velocities (exceeding 25 miles)

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

/ hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
34	21	29	30

Total depth of snow for 24 hours ending 7 p. m., 0.6 inches

Snow on ground 7 p. m., 0.6 inches.

Total snowfall, midnight to midnight, 0.6 inches.

Precipitation to 7 a. m., .26 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, *.17 inches.

Character of day, Cloudy (10) Moon phase. D 7:42 pm

Actual sunshine, hours, 0

Possible sunshine, hours, 9.5

Percentage of possible sunshine, 0

Prevailing direction, Northwest

Total movement, 343

Average hourly velocity, 14.3

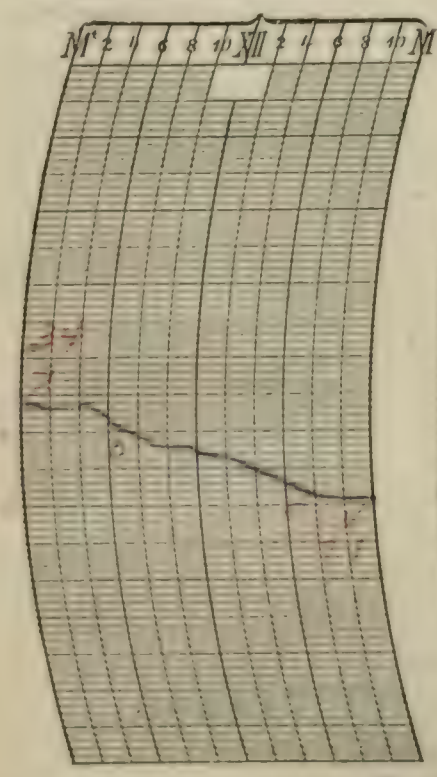
Maximum velocity,	Direction,	Time.
22	NW	8:32 am
Extreme vel.: 23	NW	9:10 pm

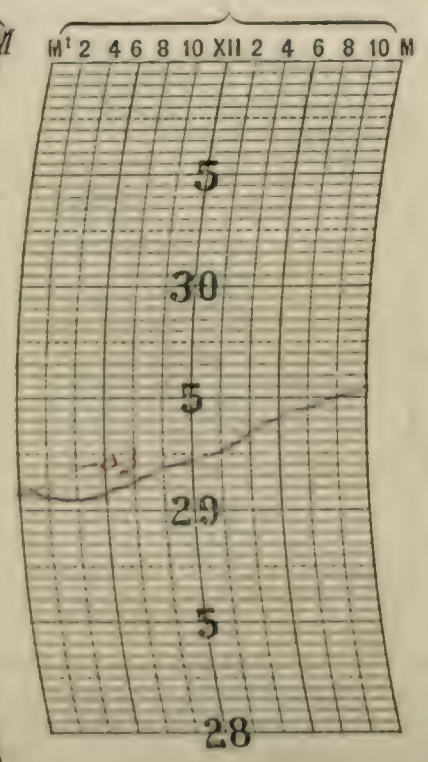
Relative humidity, 95 a. m. ..... p. m.

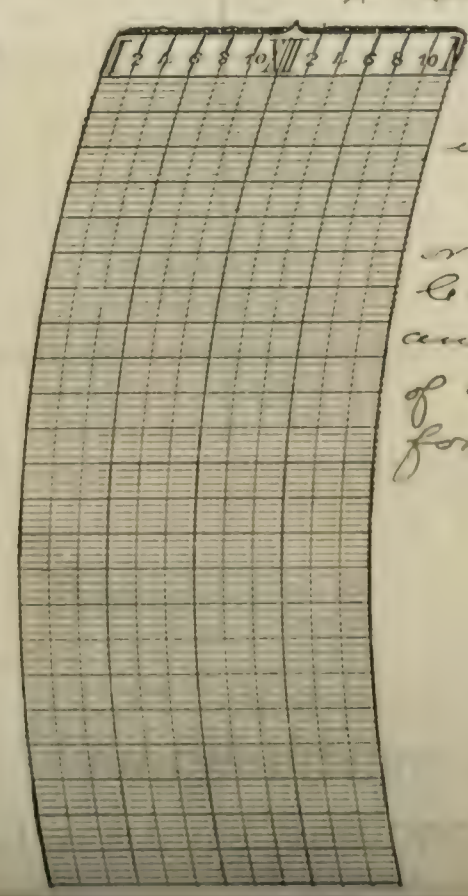
Reduced barometer, 29.66 a. m. ..... p. m.

River gage, 1.90, falling

* Estimated.







NOTES.

7 am river stage telegraphed to St Louis. The following message dated Nov. 27th was rec'd by phone at 6:55 this morning: "Cold wave; temperature will fall 20° or more next 24 to 36 hours. — Moore." Cold wave flag was hoisted immediately and lowered at 9 am owing to absence of cold wave warning in regular am. forecast message.

Prepared by S. P. P.

Verified by S. P. P.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE ILL., *(Day of week)* Wednesday, *(Date)* NOV 29 1911, 191

Time (local standard), 90 mer.

	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	21	20	19	17	14	12	10	9	10	12	14	16	20	23	23	22	20	18	18	17	17	17	17	17
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions									clear										Moon visible					
Sunrise: Time, 7:00 Character, Clear																					Sunset: Time, 4:29 Character, Clear			
Sunshine (in tenths of hours)								1.00 0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1 0.9	.48 0							
Wind direction	NW	NW	NW	NW	NW	NW	NW	NW	W	W	W	W	W	W	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	11	9	8	12	12	10	9	8	9	9	9	10	12	12	12	13	12	14	16	17	16	17	17	16
Maximum velocities (exceeding 20 miles)																								

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
24	9	16	33

Total depth of snow for 24 hours ending 7 p. m., T inches.

Snow on ground 7 p. m., 0.4 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., T ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear (1) Moon phase,

Actual sunshine, hours, 9.5

Possible sunshine, hours, 9.5

Percentage of possible sunshine, 100

Prevailing direction Southwest

Total movement, 290

Average hourly velocity, 12.1

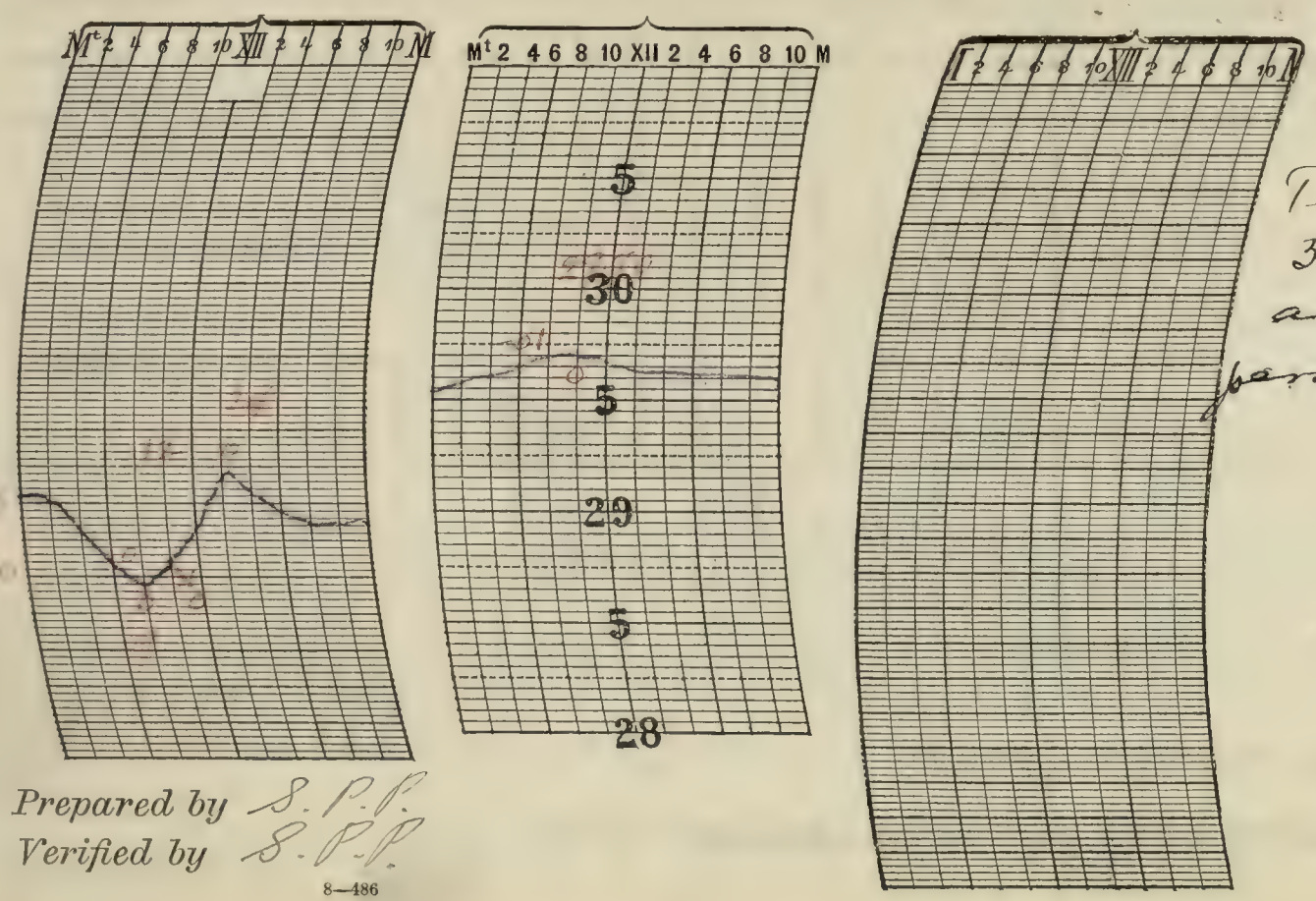
Maximum velocity,	Direction,	Time.
21	SW	10:02 pm

Extreme vel. 21-SW-10:02 pm

Relative humidity, 83 a. m. p. m.

Reduced barometer, 30.26 a. m. p. m.

River gage, 19.0 On a stand



NOTES.

7 am river stage telegraphed to St Louis.

A cold wave occurred on this date. The greatest 24-hr. fall was 20°, - from 32° at 6 am on the 28th to 12° at 6 am on the 29th. The lowest temperature was 9° at 8 am on the 29th.

Prepared by S. P. P.
Verified by S. P. P.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Thursday, (Date) NOV 30 1911, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	18	18	20	20	20	20	20	22	23	27	30	32	33	35	36	35	33	32	31	29	29	29	29	28
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																				Moon visible				
Cloudiness and other conditions												Clear												
Sunshine (in tenths of hours)								.98 0	0.2 0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.48 0							
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	W	W	W	W	W	SW	SW	SW	W	SW	SW	SW	SW	SW
Wind movement	16	15	17	17	16	14	13	13	14	14	15	12	11	11	11	12	8	8	8	7	10	9	8	9

Sunrise: Time, 7:01 Character, Clear

Sunset: Time, 4:29 Character, Clear

Maximum velocities (exceeding 25 miles)

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

	Maximum.	Minimum.	Mean.
	36	17	26

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0.1 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear (1) Moon phase

Actual sunshine, hours, 9.5

Possible sunshine, hours, 9.5

Percentage of possible sunshine, 100

Prevailing direction, Southwest

Total movement, 288

Average hourly velocity, 12.0

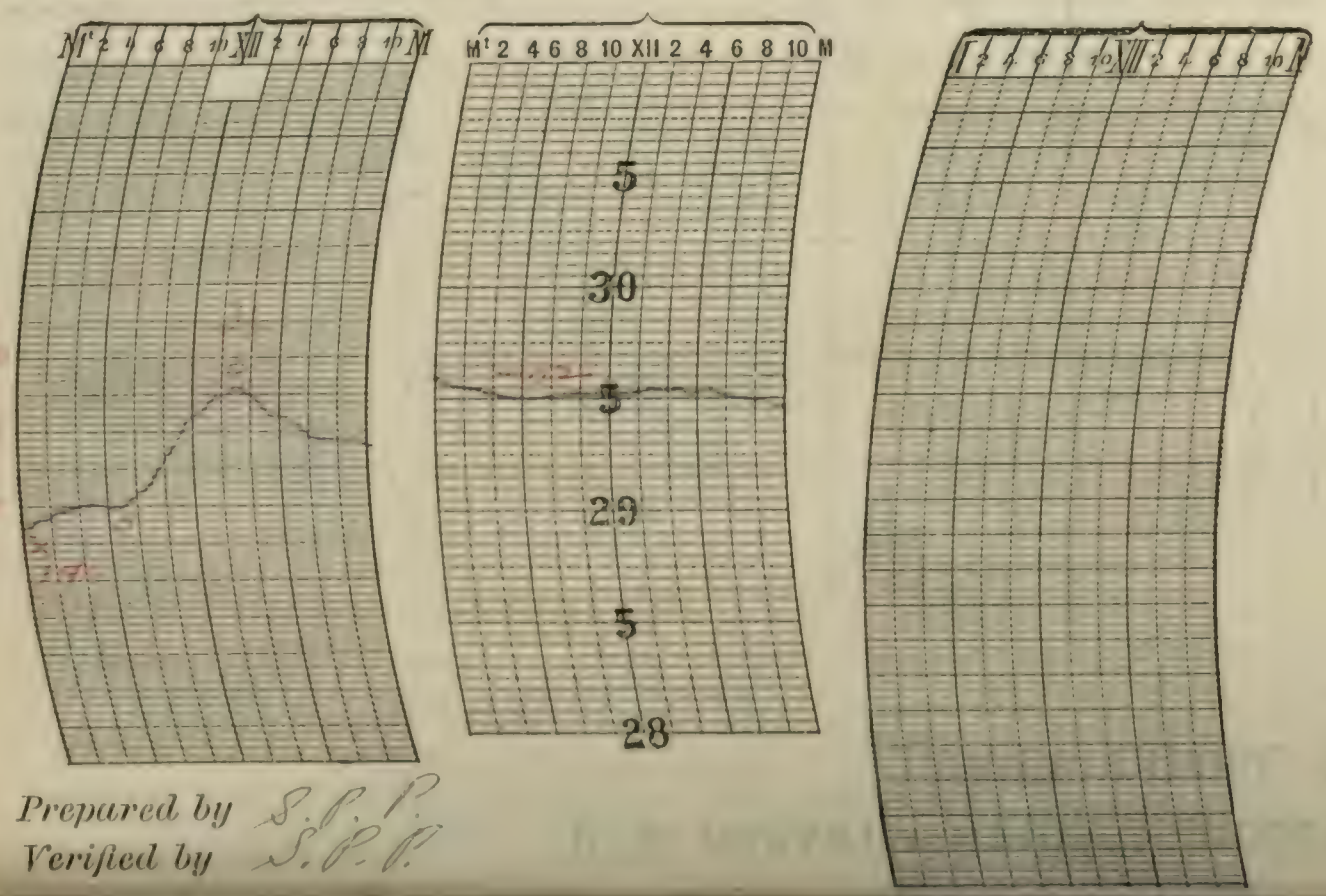
Maximum velocity.	Direction.	Time.
20	SW	2:38 a.m.
21	SW	2:38 p.m.

Relative humidity, 76 a. m. p. m.

Reduced barometer, 30.07 a. m. p. m.

River gage, 18.9, falling.

NOTES.



Prepared by S. P. P.

Verified by S. P. P.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Friday, (Date) DEC 1 1911, 191

Time (local standard), 90 mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	29	29	29	29	30	29	30	30	32	33	35	38
State of weather: Nature of precipitation and time of beginning and ending								RE SLB	RB 8:20 8:50 SLB 8:50	SLE 9:55		
Amounts of precipitation									T			
Cloudiness and other conditions								Cloudy				
Sunrise: Time, Character,	7:02 Cloudy											
Sunshine (in tenths of hours)								0	0	0	0	0
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	W	W	W
Wind movement	10	8	7	8	6	7	9	9	10	7	9	7

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	38	41	41	41	39	39	38	37	35	34	32	
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	P.C.		Clear					Moon visible				
Sunset: Time, Character,									4:29 Clear			
Sunshine (in tenths of hours)	0.8	1.0	1.0	0.5 0.5	.48 0							
Wind direction	W	W	W	W	W	W	W	W	NW	NW	NW	W
Wind movement	9	9	10	9	10	8	10	15	14	13	11	9

Maximum velocities (exceeding 25 miles)

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
41	28	34	32

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., T inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Pt cldy (6) Moon phase,

Actual sunshine, hours, 4.3

Possible sunshine, hours, 9.4

Percentage of possible sunshine, 46

Prevailing direction West

Total movement, 224

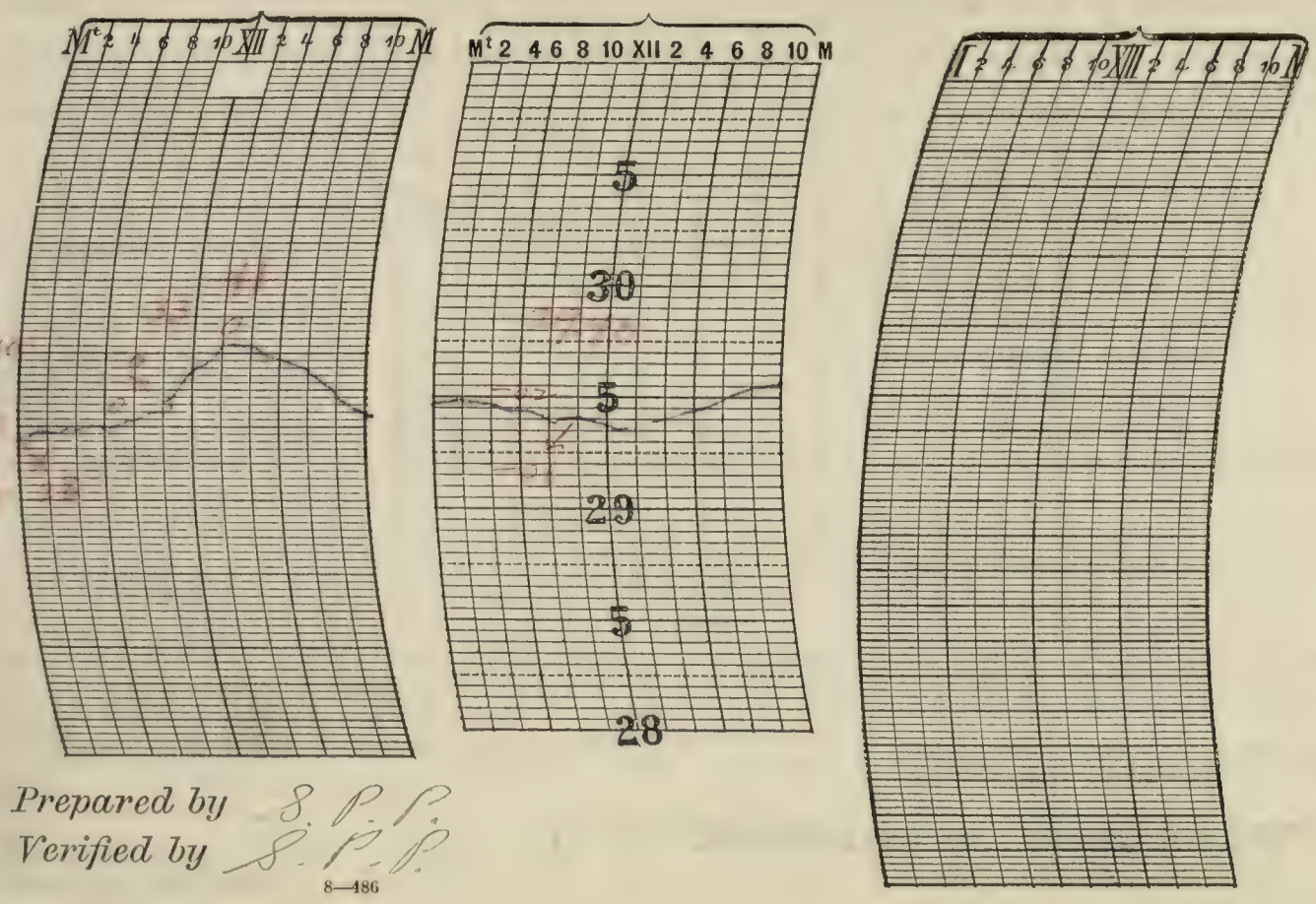
Average hourly velocity, 9.3

Maximum velocity,	Direction,	Time.
17	NW	8:40 pm
18	NW	8:50 pm

Relative humidity, 89 a. m. p. m.

Reduced barometer, 30.01 a. m. p. m.

River gage, 18.6, falling.



NOTES.

Prepared by S. P. P.
Verified by S. P. P.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Saturday, (Date) DEC 2 1911, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	31	32	31	30	30	29	28	28	28	31	33	33	35	36	35	35	34	33	34	33	33	33		
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions				Cloudy				* P.C. *					Cloudy											
Sunshine (in tenths of hours)								0	0	0.9	1.0	1.0	1.0	0.5	0	0	0							
Wind direction	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	SW	SW	W	W	SW	SW	SW	S
Wind movement	9	7	8	10	10	8	7	7	6	5	8	6	7	11	6	7	7	6	3	3	4	4	2	2
Maximum velocities (exceeding 25 miles)																								

Sunrise: Time, 7:03 Character, Cloudy

Sunset: Time, 4:28 Character, Cloudy

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

1 hours slower than 75th meridian time.

	Maximum.	Minimum.	Mean.	Normal.
	37			

Total depth of snow for 24 hours ending 7 p. m., 0 inches

Snow on ground 7 p. m., T inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Cloudy (9) Moon phase.

Actual sunshine, hours, 4.4

Possible sunshine, hours, 9.4

Percentage of possible sunshine

Prevailing direction, West

Total movement, 153

Average hourly velocity, 6.4

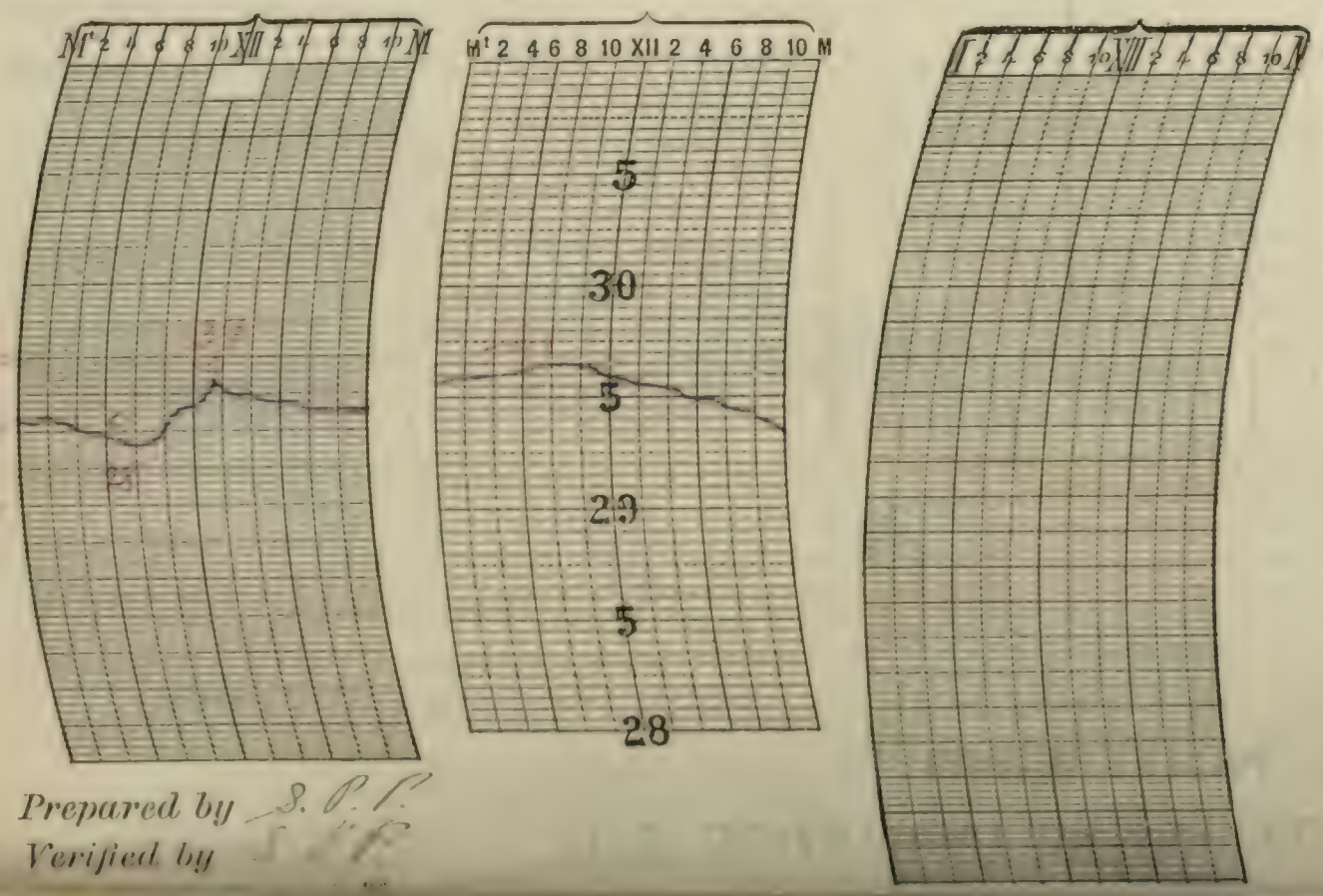
Maximum velocity,	Direction,	Time
13	SW	1:04 p.m.
Extreme vel., 13	SW	1:04 p.m.

Relative humidity, 82 a. m. p. m.

Reduced barometer, 30.23 a. m. p. m.

River gage, 12.6, Rise of 0.5

NOTES.



Prepared by S. P. C.

Verified by

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Sunday, (Date) DEC 3 1911, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	32	33	34	34	32	30	27	26	26	26	27	29
Nature of precipitation and time of beginning and ending			S Bdu				S E 6:35				S B S E 10:05 11:08	
Amounts of precipitation			←		T		→				← T	→
Cloudiness and other conditions					Cloudy						XXX	Clear
Sunrise: Time, Character, 7:04 Cloudy												
Sunshine (in tenths of hours)								0	0	0	0	0.7
Wind direction	S	S	W	W	W	V	W	W	W	W	W	V
Wind movement	5	4	8	17	18	20	19	19	18	18	19	17

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	31	32	32	31	29	27	25	24	24	23	22	22
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions								Moon visible				
Sunset: Time, Character, 4:28 Clear												
Sunshine (in tenths of hours)	1.0	1.0	1.0	0.1 0.9	.47 0							
Wind direction	V	V	V	V	V	V	V	W	V	W	W	W
Wind movement	17	15	13	10	8	8	3	3	1	2	2	1

State of weather.

Maximum velocities (exceeding 25 miles)

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
34	22	28	31

Total depth of snow for 24 hours ending 7 p. m., T inches.

Snow on ground 7 p. m., T inches.

Total snowfall, midnight to midnight, T inches.

Precipitation to 7 a. m., T ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, T inches.

Character of day, PRC 0.5 Moon phase,

Actual sunshine, hours, 5.2

Possible sunshine, hours, 9.4

Percentage of possible sunshine, 55

Prevailing direction Northwest

Total movement, 265

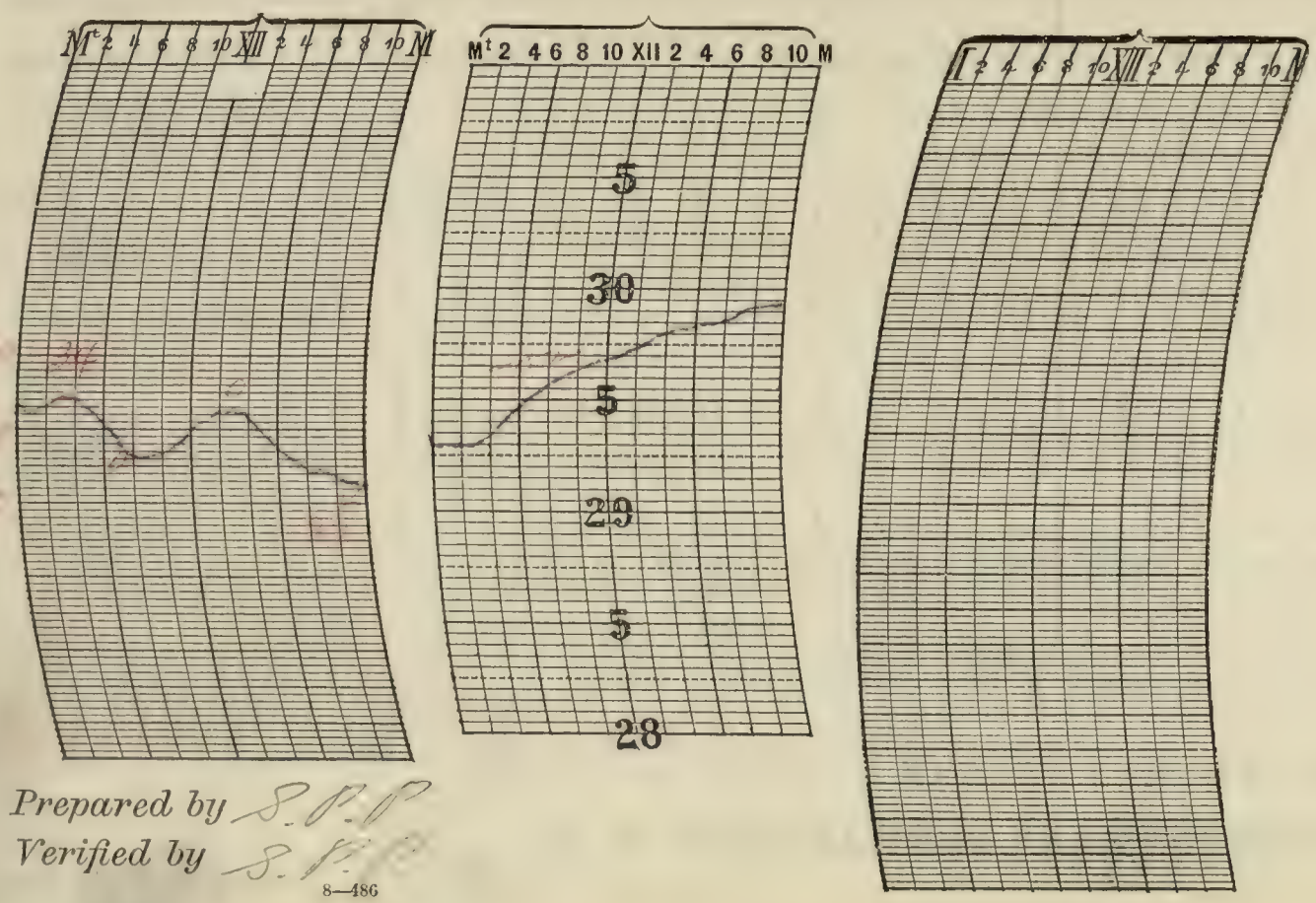
Average hourly velocity, 11.0

Maximum velocity,	Direction,	Time.
Extreme 24	NW	3:56 am
Vel., 25	NW	3:55 a

Relative humidity, 76 a. m. p. m.

Reduced barometer, 30.09 a. m. p. m.

River gage, 18.5, falling



NOTES.

Prepared by S. P. P.

Verified by S. P. P.

8—486

Form No. 1011—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Monday, (Date) DEC 4 1911, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	22	21	21	21	21	21	21	21	26	29	32	34	36	37	37	37	34	33	32	31	31	31	29	27
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						Clear				*	Cloudy					*	Clear			Moon visible				
Sunrise: Time, 7:05 Character, Clear																					Sunset: Time, 4:28 Character, Clear			
Sunshine (in tenths of hours)								.82 .1	1.0	1.0	.7	1.0	1.0	1.0	1.0	0.2 .7	.47 .0							
Wind direction	W	O	W	W	W	W	W	W	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	2	0	1	1	3	2	1	4	5	8	9	12	11	13	12	10	8	5	5	5	4	4	7	6
Maximum velocities (exceeding 25 miles)																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
37	21	29	27

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 in., to 7 p. m., 0 in.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase

Actual sunshine, hours, 9.0

Possible sunshine, hours, 9.4

Percentage of possible sunshine, 96

Prevailing direction, Southwest

Total movement, 138

Average hourly velocity, 5.8

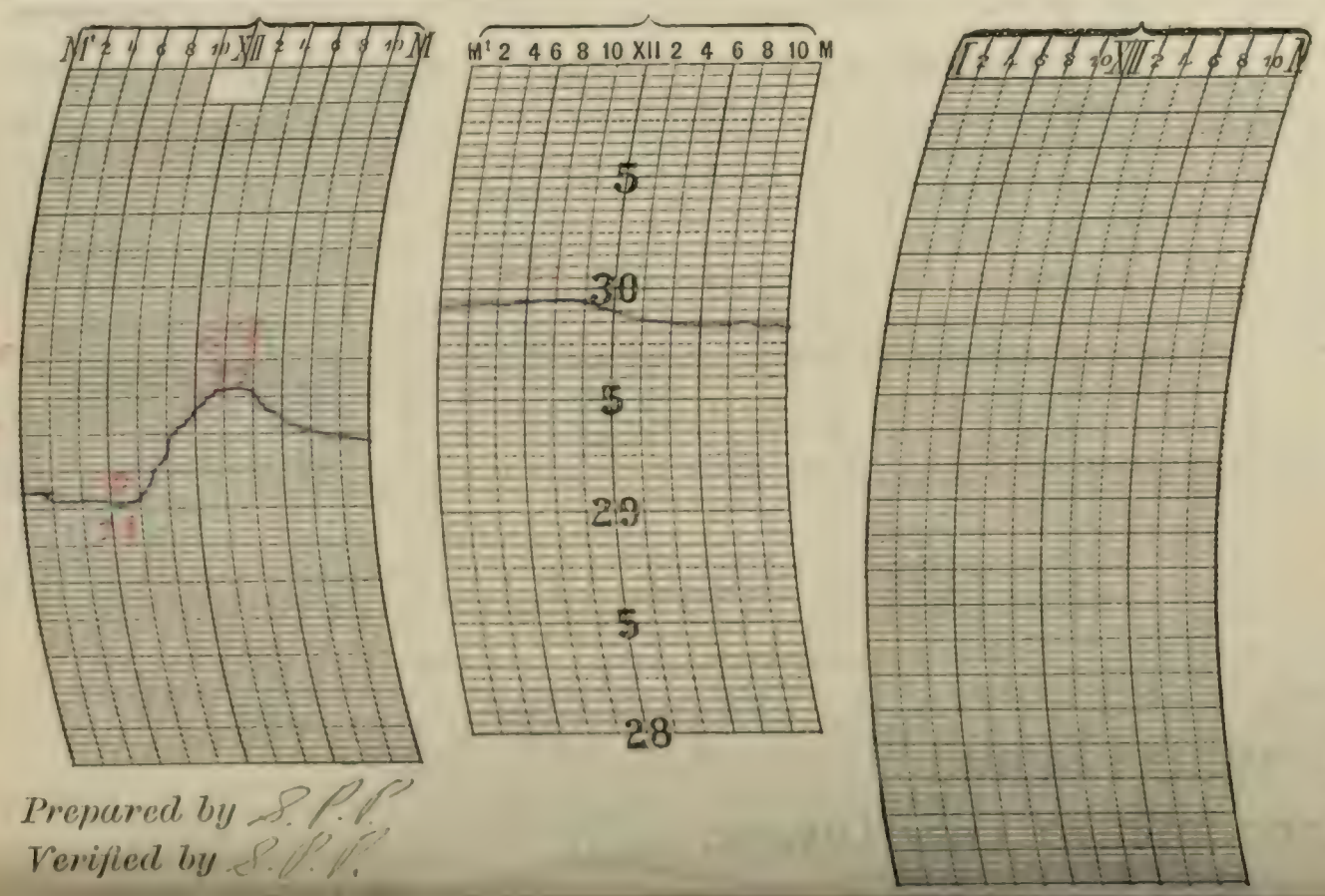
Maximum velocity.	Direction.	Time.
15	SW	1:44 p.m.
Extreme 15	SW	1:44 p.m.

Relative humidity, 86 a. m. p. m.

Reduced barometer, 30.54 a. m. p. m.

River gage, 18 = falling

NOTES.



Prepared by S. P. C.

Verified by S. P. C.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Tuesday, (Date) DEC 5 1911, 191

Time (local standard), 90 mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	29	28	28	28	27	27	27	28	31	35	40	41
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions						Clear					P.C.	
Sunrise: Time, 7:06 Character, Clear												
Sunshine (in tenths of hours)								.80 0.1	1.0	1.0	0.7	1.0
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	5	6	7	6	5	4	5	6	8	11	11	11
Maximum velocities (exceeding 25 miles)												

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	43	44	44	42	40	37	37	36	36	35	35	35
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions			Clear					Moon visible				
Sunset: Time, 4:28 Character, Clear												
Sunshine (in tenths of hours)	1.0	1.0	1.0	.2 0.8	.47 0							
Wind direction	SW	SW	S	S	S	SW	SW	SW	SW	SW	SW	SW
Wind movement	12	12	10	8	4	3	4	4	5	7	10	9
Maximum velocities (exceeding 25 miles)												

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
44	27	36	31

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear (1) Moon phase, O 8:52 pm

Actual sunshine, hours, 9.1

Possible sunshine, hours, 9.4

Percentage of possible sunshine, 97

Prevailing direction, Southwest

Total movement, 173

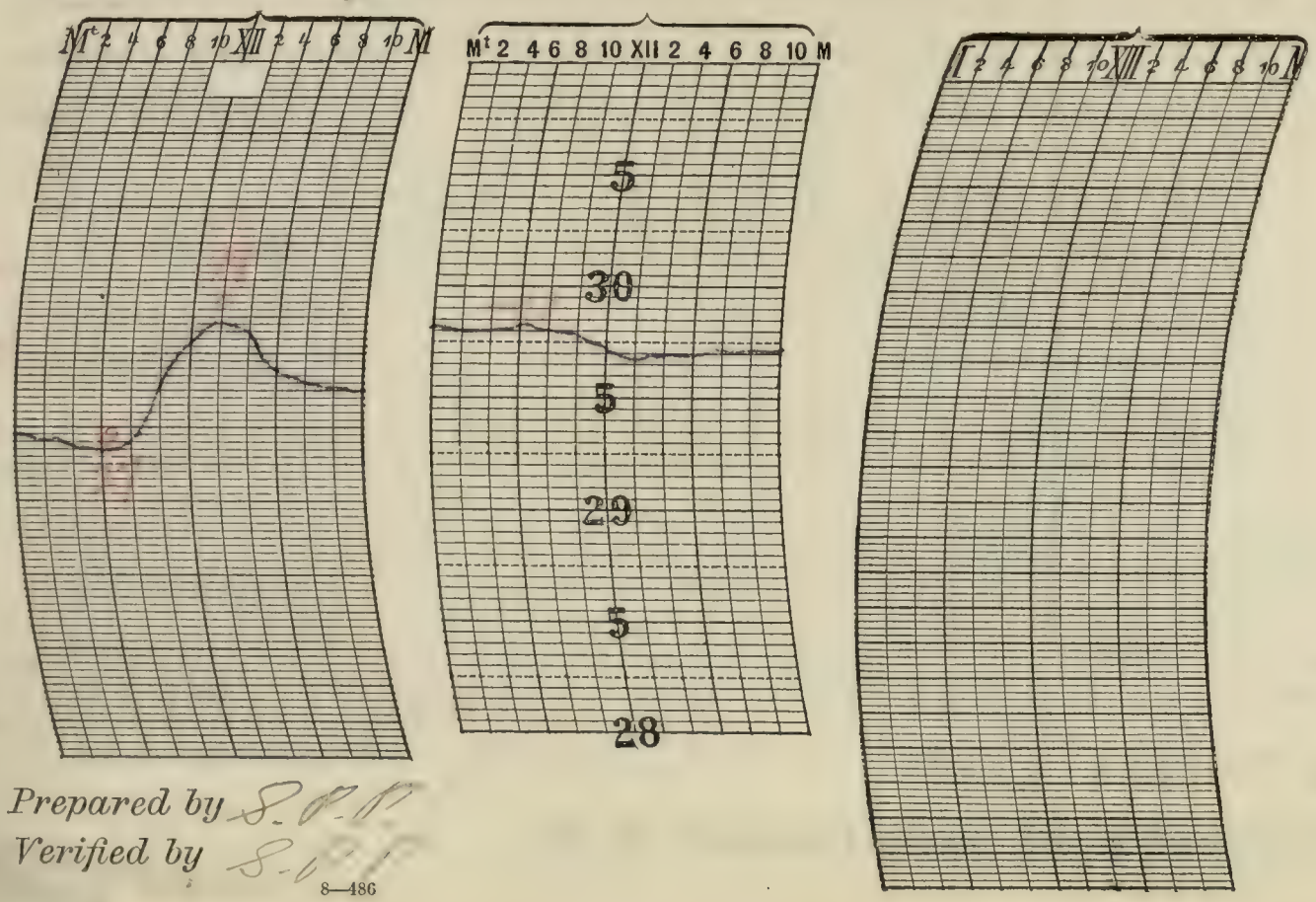
Average hourly velocity, 7.2

	Maximum velocity,	Direction,	Time.
	15	SW	12:30 pm
Extreme Vel.,	16	SW	12:30 pm

Relative humidity, 88 a. m. ____ p. m.

Reduced barometer, 30.41 a. m. ____ p. m.

River gage, 18.1 falling



NOTES.

Prepared by S. O. P.

Verified by S. O. P.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE ILL., (Day of week) Wednesday, (Date) DEC 6 1911, 191

Time (local standard), 90 mer.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	35	34	33	32	32	32	30	31	35	39	42	45	47	47	47	45	42	40	40	40	40	40	40	40
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions										Clear									Moon visible					
Sunshine (in tenths of hours)	Sunrise: Time, 7:07 Character, Clear							.68 0.2	1.0	1.0	0.7	0.9	1.0	1.0	1.0	0.5 0.5	.47 0				Sunset: Time, 4:28 Character, Clear			
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	S	S	S	S	SW	SW	SW	SW	SW	SW	SW
Wind movement	8	6	5	4	5	6	2	4	6	7	10	11	10	10	9	7	6	5	4	8	5	7	5	8
Maximum velocities (exceeding 25 miles)																								

Excessive precipitation, accumulated amounts	Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal
47	30	38	30

Total depth of snow for 24 hours ending 7 p. m., 0 inches

Snow on ground — p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m. 0 ins. to 7 p. m. 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear (1) Moon phase

Actual sunshine, hours, 9.0

Possible sunshine, hours, 9.4

Percentage of possible sunshine, 96

Prevailing direction, Southwest

Total movement, 160

Average hourly velocity, 6.7

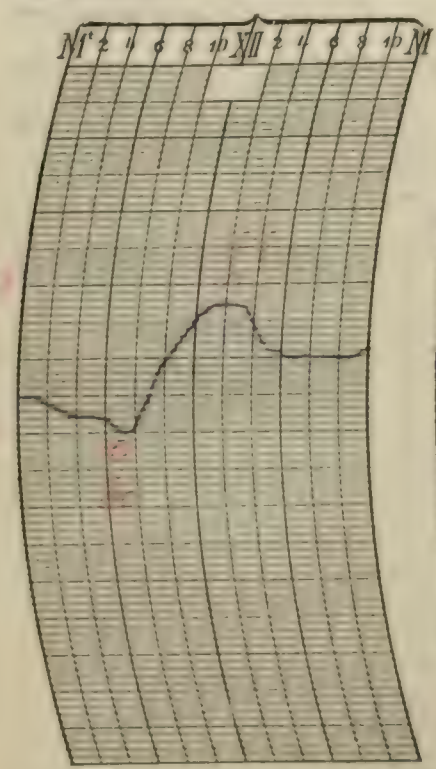
	Maximum velocity,	Direction,	Time
	13	SW	11:54 am
Extreme vel.,	13	SW	11:54 am

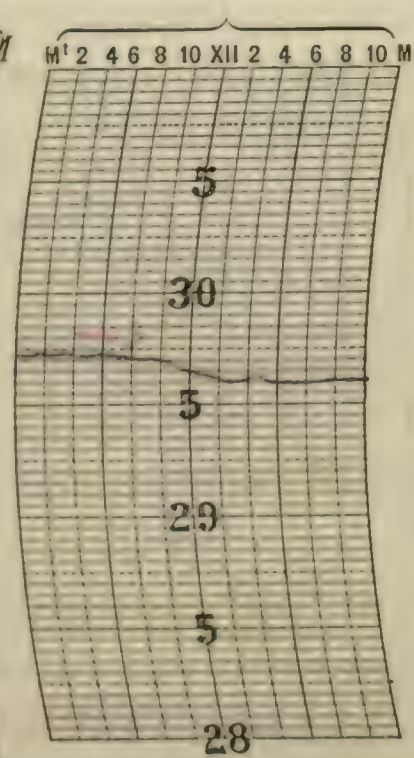
Relative humidity, 78 a. m. p. m.

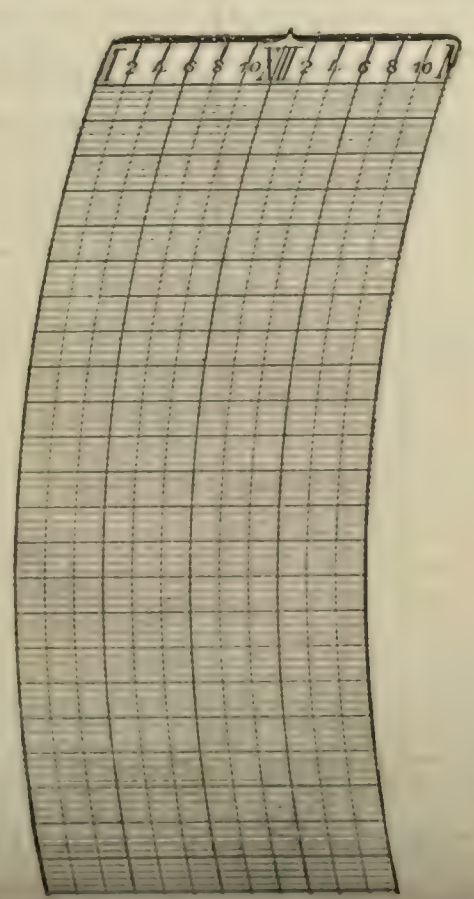
Reduced barometer, 30.28 a. m. p. m.

River gage, 17.4 falling

NOTES.







Prepared by S. P. P.

Verified by S. P. P.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Thursday, (Date) DEC 7 1911, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	39	40	41	40	41	40	40	40	41	42	43	44	48	49	49	49	48	48	48	47	45	43	41	41
State of weather: Nature of precipitation and time of beginning and ending		R B Dra			R E Dra																			
Amounts of precipitation		2		T																				
Cloudiness and other conditions								Cloudy					* P.C. *		Cloudy						* Moon visible Clear			
Sunrise: Time, Character,	7:08 Cloudy																				Sunset: Time, Character, 4:28 Cloudy			
Sunshine (in tenths of hours)								0	0	0	0	0	0.9	0.5	0	0	0							
Wind direction	SW	SW	SW	SW	SW	SW	SW	SE	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	S	S	SW	S	S
Wind movement	11	8	10	4	4	3	3	2	3	5	7	7	6	7	5	3	1	4	1	3	5	5	6	3
Maximum velocities (exceeding 25 miles)																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
50	39	44	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., T ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Cloudy (9) Moon phase,

Actual sunshine, hours, 1.4

Possible sunshine, hours, 9.3

Percentage of possible sunshine, 15

Prevailing direction Southwest

Total movement, 116

Average hourly velocity, 4.8

Maximum velocity,	Direction,	Time.
13	SW	12:40 am

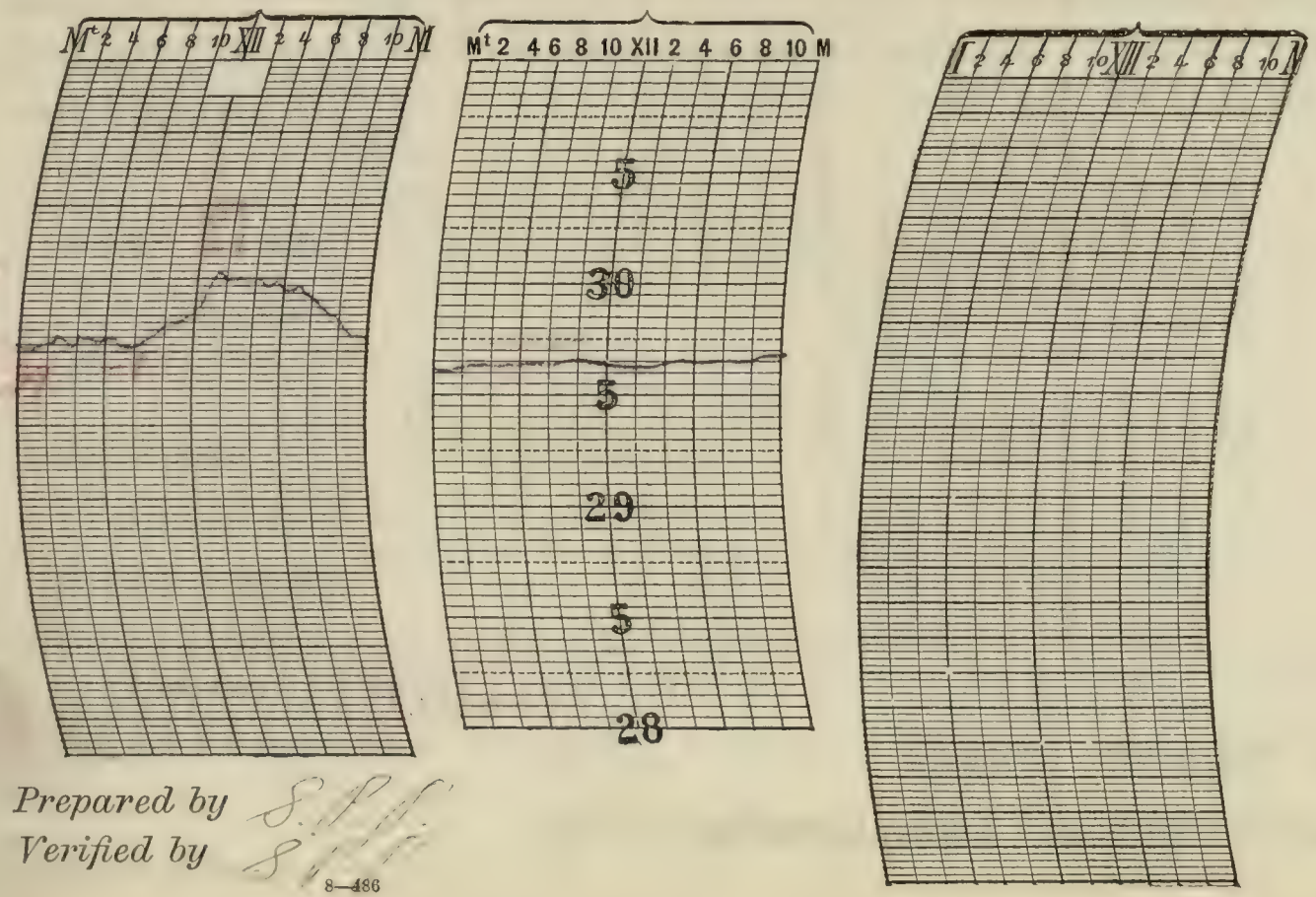
Extreme Vel., 13-SW-12:40 am

Relative humidity, 80 a. m. p. m.

Reduced barometer, 30.21 a. m. p. m.

River gage, 17.7, falling

NOTES.



Prepared by
Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Friday, (Date) DEC 8 1911, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	41	42	43	45	45	45	44	44	45	48	51	51
State of weather: Nature of precipitation and time of beginning and ending			RB RE	Dra Dra					RB 5:17	RE 9:20		
Amounts of precipitation			←	T	→				←	T	→	
Cloudiness and other conditions									Cloudy			
Sunrise: Time, Character	7:09 Cloudy											
Sunshine (in tenths of hours)								0	0	0	0	0.1
Wind direction	S	S	S	S	S	S	S	S	S	SW	SW	SW
Wind movement	3	2	3	4	6	7	6	3	6	8	8	8

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	51	51	51	50	49	49	49	50	50	50	50	49
State of weather: Nature of precipitation and time of beginning and ending			RB 2:36			RE 5:10				RB	D	Hf
Amounts of precipitation			←	T	→					←	T	
Cloudiness and other conditions												
Sunset: Time, Character									4:28 Cloudy			
Sunshine (in tenths of hours)	0	0	0	0	0							
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	8	8	9	9	11	7	4	7	7	8	7	7

Maximum velocities (exceeding 25 miles)

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
52	41	46	30

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., ins; to 7 p. m., T ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Cloudy (10) Moon phase,

Actual sunshine, hours, 0.1

Possible sunshine, hours, 7.3

Percentage of possible sunshine, 1

Prevailing direction, Southwest

Total movement, 156

Average hourly velocity, 6.5

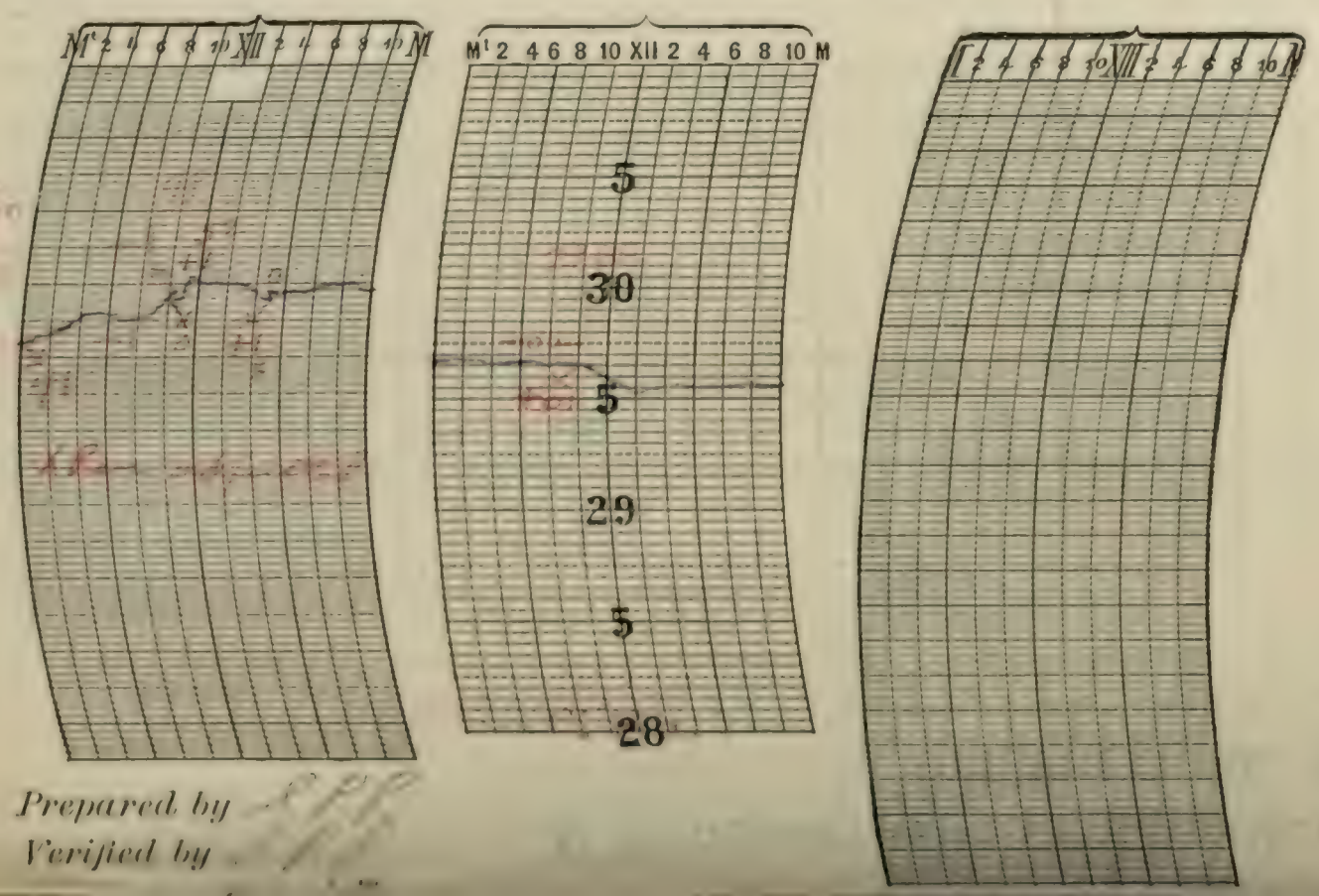
Maximum velocity,	Direction,	Time.
12	SW	4:09 p
Extreme vel.	12-SW	4:09 p

Relative humidity, 89 a. m. p. m.

Reduced barometer, 30.23 a. m. p. m.

River gage,

NOTES.



Prepared by

Verified by

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Saturday, (Date) DEC 9 1911, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	51	50	50	50	50	44	49	48	48	49	49	50
		RE Dua								RB 9:30		
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation		T										T
Cloudiness and other conditions					Dense fog			←	* Lt fog		→	Cloudy
Sunrise: Time, Character	Time, 7:10	Character, Foggy										
Sunshine (in tenths of hours)								0	0	0	0	0
Wind direction	SW	SW	SW	SW	W	W	W	SW	S	S	S	S
Wind movement	6	6	5	6	4	3	3	3	2	3	5	5

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	51	51	51	52	52	52	53	53	53	53	54	53
	RE 12:40				RB 4:15							
State of weather: Nature of precipitation and time of beginning and ending											*	
Amounts of precipitation					←	.07		*			.10	
Cloudiness and other conditions												
Sunset: Time, Character									Time, 4:28	Character, Cloudy		
Sunshine (in tenths of hours)	0	0	0	0	0							
Wind direction	S	S	S	S	S	S	SE	SE	SE	SE	SE	SE
Wind movement	6	8	4	5	3	4	6	7	9	10	12	11

Maximum velocities (exceeding 25 miles)

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
54	48	51	30

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., T ins.; to 7 p. m., .07 ins.

Total precipitation, midnight to midnight, .17 inches.

Character of day, Cloudy (10) Moon phase,

Actual sunshine, hours, 0

Possible sunshine, hours, 9.3

Percentage of possible sunshine, 0

Prevailing direction, South

Total movement, 136

Average hourly velocity, 5.7

Maximum velocity,	Direction,	Time.
14	SE	10:03 pm
14	SE	10:03 pm

Relative humidity, 100 a. m. p. m.

Reduced barometer, 30.16 a. m. p. m.

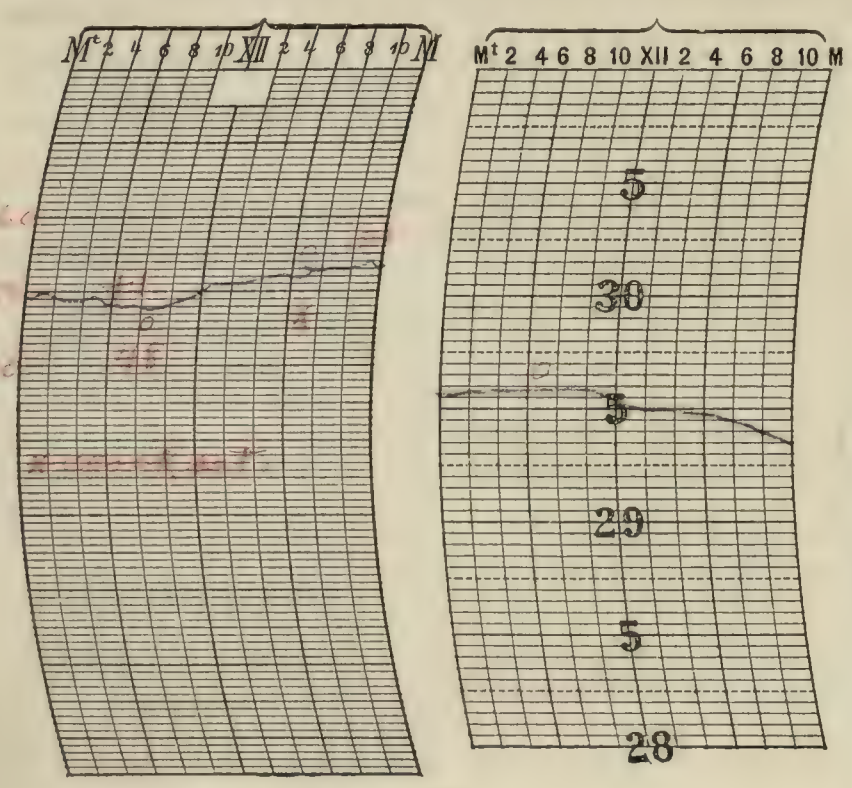
River gage, 17.6, Outstand.

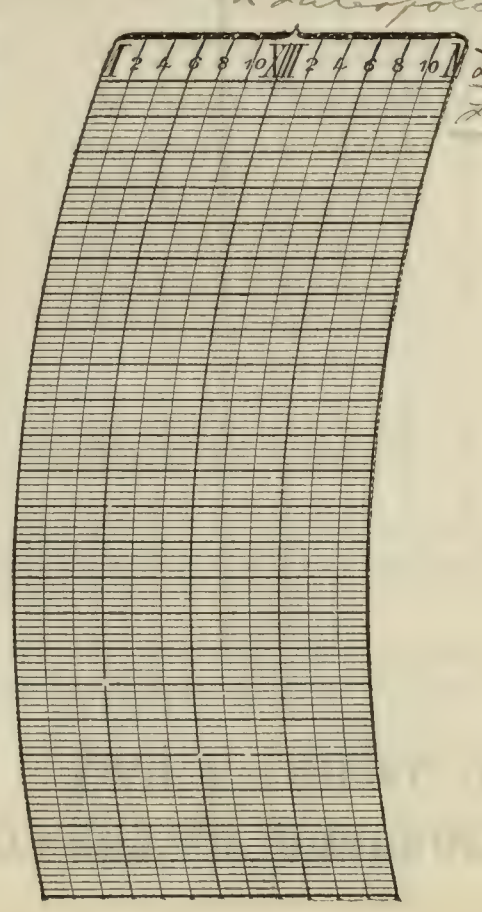
X Interpolated - * Estimated

NOTES.

Dense fog began 7 Ua; ended 7:30 a

Lt fog began 7:30 a; ended 11:15 a.





Prepared by S. P. P.

Verified by S. P. P.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Sunday, (Date) DEC ..., 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	53	53	54	54	54	54	56	56	56	58	58	59
State of weather: Nature of precipitation and time of beginning and ending		RE DUR	*									
Amounts of precipitation			.38		T							
		Upon ground										
Cloudiness and other conditions											Cloudy	
Sunrise: Time, Character	7:10 Cloudy											
Sunshine (in tenths of hours)								0	0	0	0	0.1
Wind direction	SE	SE	SE	SE	SE	SE	SE	SE	S	S	S	SW
Wind movement	16	21	17	19	19	22	22	24	27	24	30	30
Maximum velocities (exceeding 25 miles)							6:34 SE 25	7:35 SE 28	8:15 SE 29	9:53 SW 29	10:15 SW 33	11:57 S 34

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	61	57	54	50	48	47	47	47	47	47	46	45
State of weather: Nature of precipitation and time of beginning and ending	RB 12:32 RE 12:35					RB 5:02 RE 5:10						
Amounts of precipitation	T					T						
Cloudiness and other conditions												
Sunset: Time, Character									4:28 Cloudy			
Sunshine (in tenths of hours)	0.2	0.7	0	0.1	0							
Wind direction	SW	SW	SW	SW	SW	SW	SW	W	W	W	W	W
Wind movement	30	35	34	31	28	24	21	16	14	12	9	8
Maximum velocities (exceeding 25 miles)	12:45 SW 37	1:22 SW 41	2:44 SW 39	3:07 SW 36	4:15 SW 32	5:02 SW 31	26					

Accumulated depths during excessive rate, for consecutive periods of time indicated below.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts														

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.

	Maximum.	Minimum.	Mean.	Normal.
	61	43	52	37

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .4 ins.; to 7 p. m., .1 ins.

Total precipitation, midnight to midnight, .5 inches.

Character of day, Cloudy. Moon phase,

Actual sunshine, hours, 1.1

Possible sunshine, hours, 9.3

Percentage of possible sunshine, 12

Prevailing direction, Southeast & southwest.

Total movement, 534

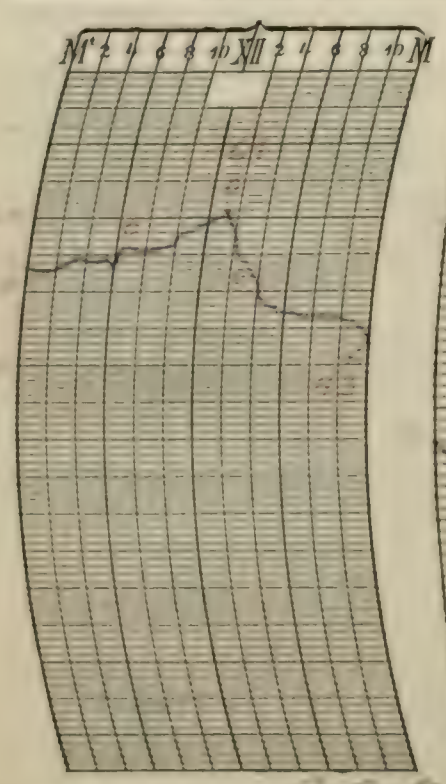
Average hourly velocity, 22.2

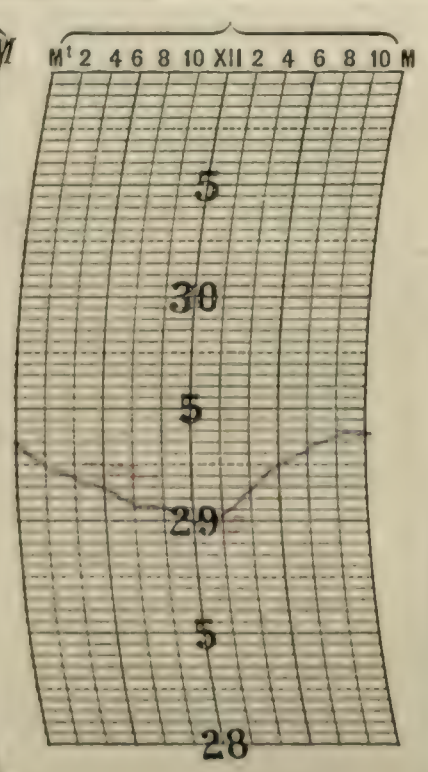
	Maximum velocity.	Direction.	Time.
	41	SW	1:22 pm
Extreme	44	SW	1:21 pm

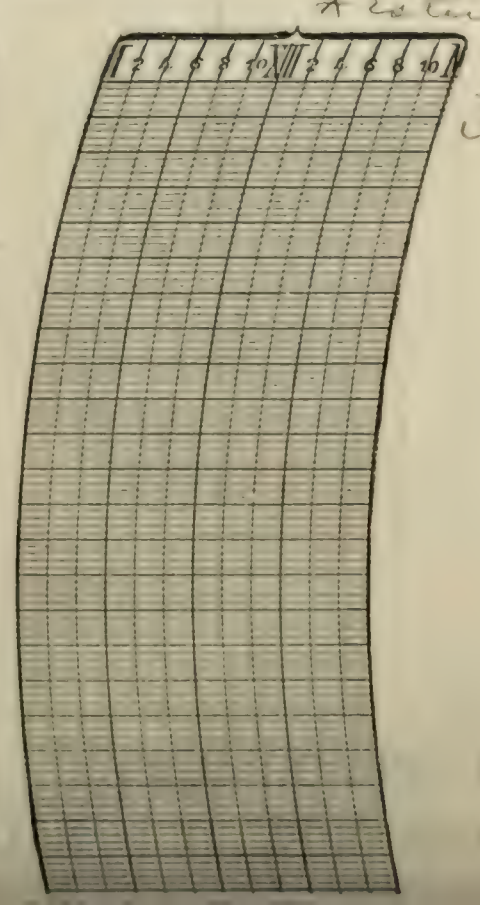
Relative humidity, 82 a. m. ..... p. m.

Reduced barometer, 29.68 a. m. ..... p. m.

River gage, 17.7 Rising







* Estimated.

NOTES.

Special observation taken at 2:45 pm this date & telegraphed to Washington

Prepared by

Verified by

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Monday, (Date) DEC 1 [illegible], 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	42	42	43	42	39	39	38	39	39	41	41	42	42	42	43	42	40	39	38	35	33	32	32	32
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions			Moon visible at intervals		Cloudy																			
Sunshine (in tenths of hours)								0.10	0.4	1.0	0.8	0.3	0	0.7	0.7	0.4 0.3	.47 0							
Wind direction	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W
Wind movement	7	7	3	4	4	6	5	5	5	6	8	7	7	8	8	5	5	3	2	8	5	5	4	4
Maximum velocities (exceeding 25 miles)																								

Sunrise: Time, 7:11; Character, Cloudy

Sunset: Time, 4:28; Character, Clear

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Maximum.	44
Minimum.	32
Mean.	38
Normal.	27

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Pt Cldy (5) Moon phase,

Actual sunshine, hours, 5.2

Possible sunshine, hours, 9.3

Percentage of possible sunshine, 56

Prevailing direction West

Total movement, 131

Average hourly velocity, 5.5

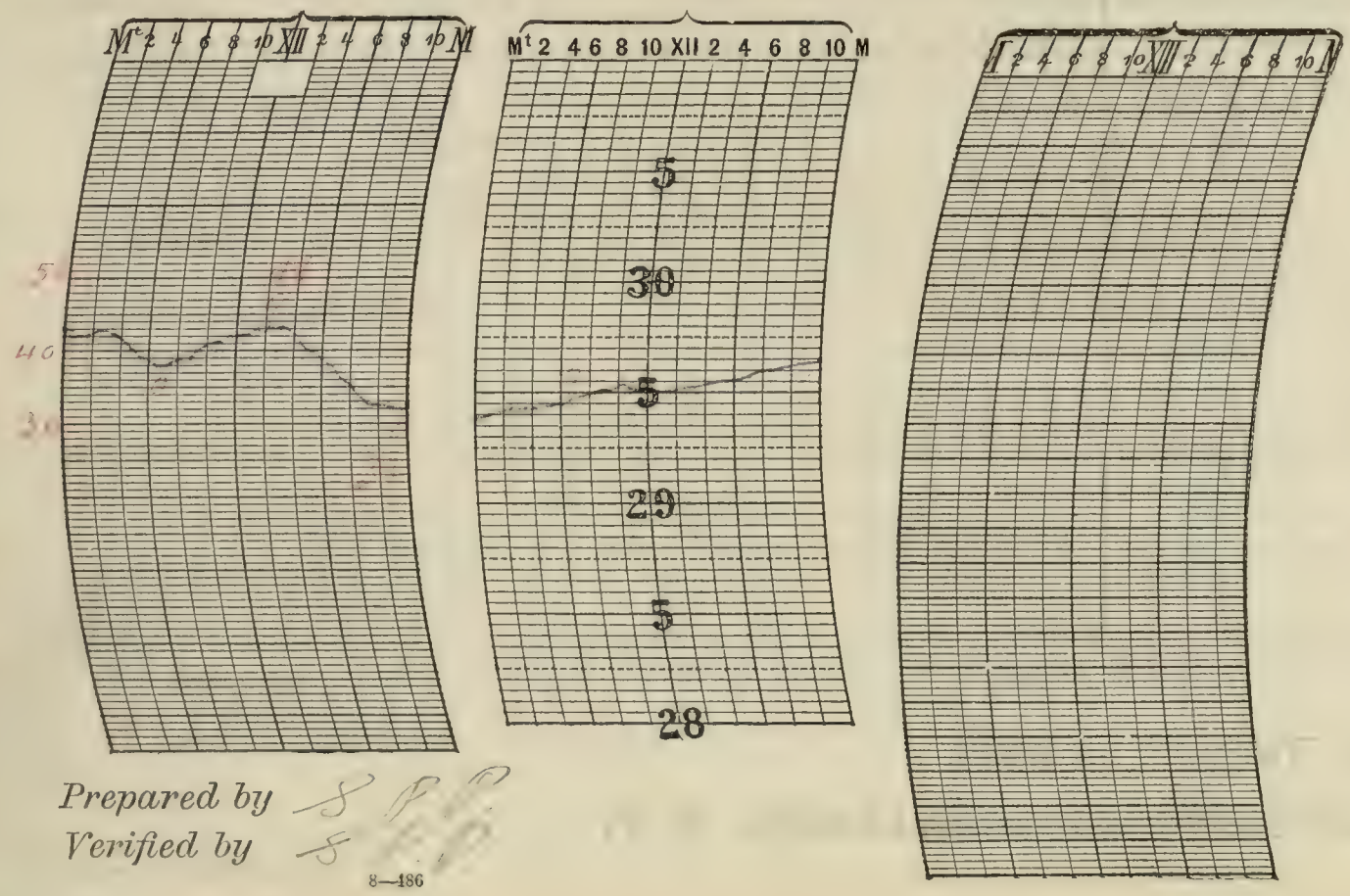
Maximum velocity,	Direction,	Time.
10	W	7:30 p.m.
Vel., 10	W	7:30 p.m.

Relative humidity, 84 a. m. ____ p. m.

Reduced barometer, 30.05 a. m. ____ p. m.

River gage, 18.4, Rising; 3 p.m.

NOTES.



Prepared by S. P. P.

Verified by S.

8—186

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) LA SALLE ILL, (Day of week) Tuesday, (Date) DEC 1 1, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	33	34	33	33	33	33	33	32	32	33	34	35	36	36	36	36	36	35	34	33	[illegible]	[illegible]	[illegible]	[illegible]
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions										Cloudy						Cloudy			Clear					
Sunrise: Time, 7:12 Character, Cloudy																					Sunset: Time, 4:25 Character, Clear			
Sunshine (in tenths of hours)								0	0	0	0	0.3	1.0	0.8	0.7	0.6	0.27							
Wind direction	W	W	NW	NW	NW	NW	W	W	NW	NW	NW	N	N	W	NE	N	NE	NE	NE	NE	NE	O	NE	NE
Wind movement	4	4	7	6	4	7	6	5	4	3	4	4	4	4	3	2	3	2	1	1	1	0	1	1
Maximum velocities (exceeding 25 miles)																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Maximum.	Minimum.	Mean.	Normal.
36	29	32	29

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches

Character of day, Cloudy (9) Moon phase, [illegible]

Actual sunshine, hours, 3.7

Possible sunshine, hours, 9.3

Percentage of possible sunshine, 40

Prevailing direction, Northwest

Total movement, 81

Average hourly velocity, 3.4

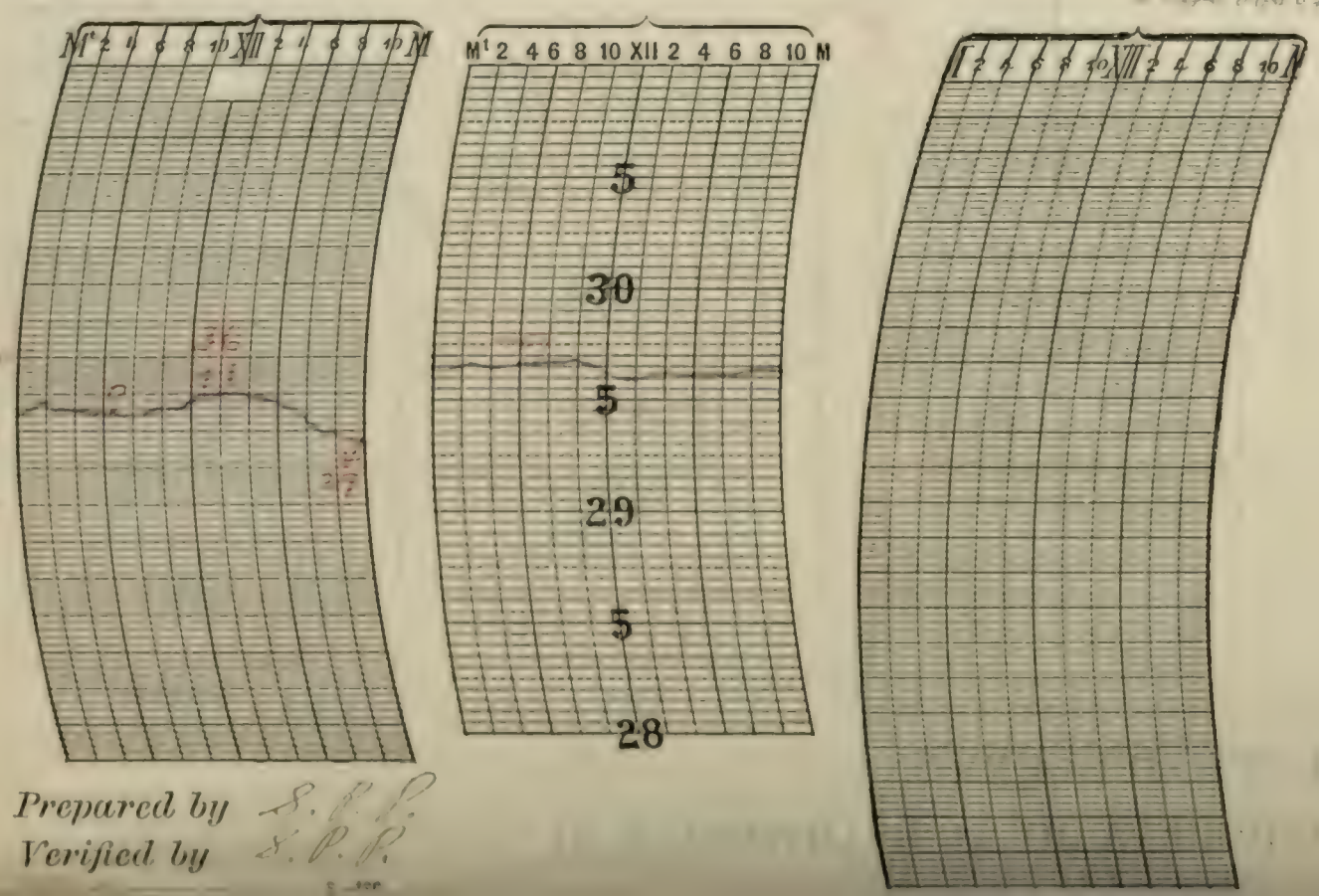
Maximum velocity,	Direction,	Time.
9	NW	2:45 am
Extreme vel. 9	NW	2:45 am

Relative humidity, 76 a. m. ..... p. m.

Reduced barometer, 30.25 a. m. ..... p. m.

River gage, 18.8 rising

NOTES.



Prepared by S. P. P.

Verified by S. P. P.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Wednesday, (Date) DEC 3 191

Time (local standard), 90 mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	28	27	26	25	24	24	24	24	28	33	36	38
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					Dense fog							
Sunrise: Time, Character,	7:13 Foggy											
Sunshine (in tenths of hours)								0	x 0.4	1.0	1.0	x 1.0
Wind direction	0	0	NE	NE	NE	NE	C	0	NE	NW	W	SW
Wind movement	0	0	1	2	1	1	0	0	1	2	5	8

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	40	41	41	40	38	37	34	33	31	31	30	30
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions												
Sunset: Time, Character,									4:28 Clear			
Sunshine (in tenths of hours)	1.0	1.0	1.0	0.2 0.8	.47 0							
Wind direction	SW	SW	S	S	S	S	S	SE	SE	SE	SE	SE
Wind movement	6	5	4	5	3	3	2	3	1	3	3	2

Clear

Maximum velocities (exceeding 25 miles)

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
41	24	32	-8

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear (2) Moon phase,

Actual sunshine, hours, 7.9

Possible sunshine, hours, 9.2

Percentage of possible sunshine, 86

Prevailing direction NE, SE, & S.

Total movement, 61

Average hourly velocity, 2.5

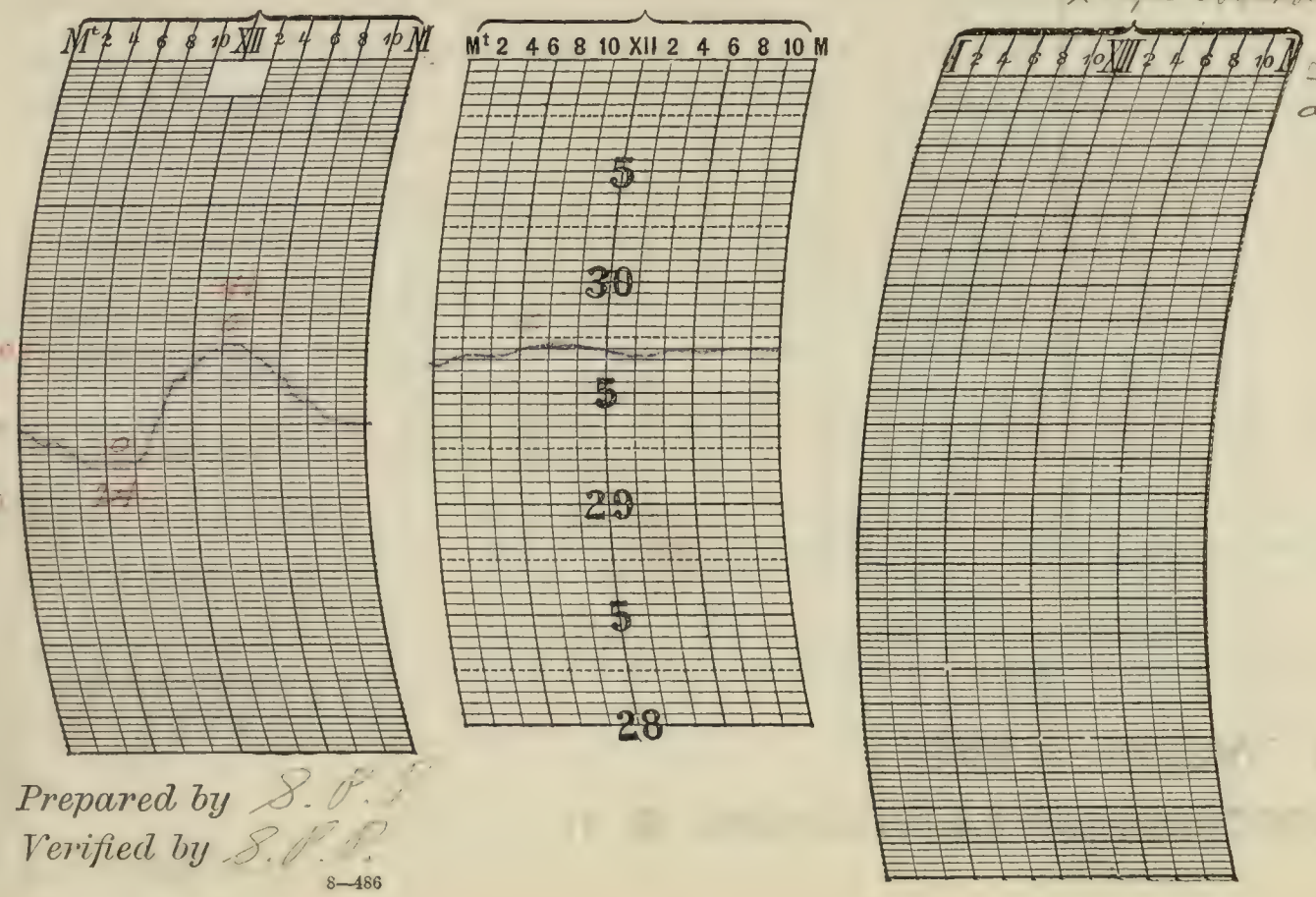
Maximum velocity,	Direction,	Time.
8	SW 8-SW	11:15 am 11:15 a

Relative humidity, 100 a. m. p. m.

Reduced barometer, 30.30 a. m. p. m.

River gage, 18.8, on stand.

X Eye observation.



NOTES.

Dense fog formed DHa, became light at 8:40 am, and disappeared at 9:20 a

Prepared by S. O. F.

Verified by S. O. P.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Thursday, (Date) DEC 14 1911, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	29	28	27	26	25	25	25	26	28	32	37	39	40	40	39	39	37	35	34	33	32	31	32	30
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions		Moon	visible					clear					x Pt cdy											
Sunrise: Time, Character,	7:13 Clear																				Sunset: Time, Character, 4:28 Cloudy			
Sunshine (in tenths of hours)								x 0.78	x 1.0	x 1.0	1.0	1.0	1.0	1.0	0.3	0.1	0							
Wind direction	SE	SE	SE	SE	SE	SE	E	E	E	NE	E	E	E	E	E	NE	NE	NE	NE	NE	NE	NE	O	NE
Wind movement	3	3	2	1	1	3	3	5	4	4	5	7	7	8	5	4	3	2	2	3	2	2	0	1
Maximum velocities (exceeding 25 miles)																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts.

	Maximum.	Minimum.	Mean.	Normal.
Temperature	40	25	33	

Total depth of snow for 24 hours ending 7 p. m., — inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, — inches.

Character of day, Clear (3) Moon phase,

Actual sunshine, hours, 7.2

Possible sunshine, hours, 9.2

Percentage of possible sunshine, 78

Prevailing direction, Northeast

Total movement, 54

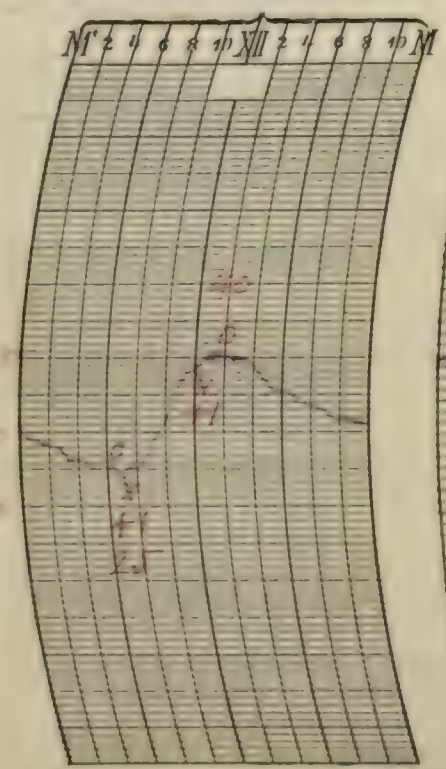
Average hourly velocity, 2.5

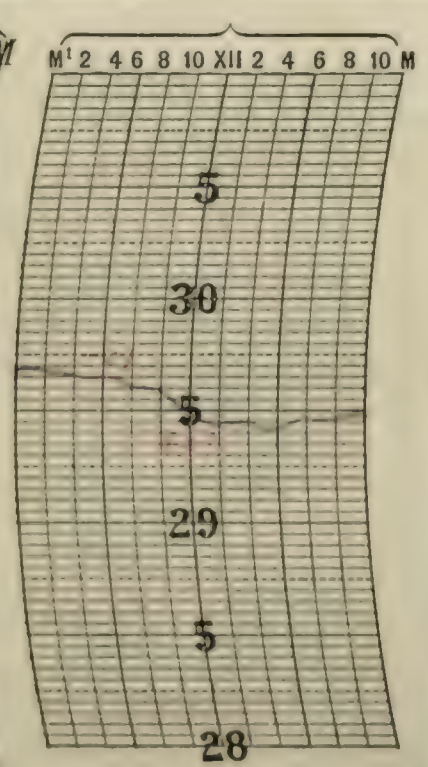
Maximum velocity,	Direction.	Time
12	E	12:08 p.m.
Extreme 12	E	12:08 p.m.

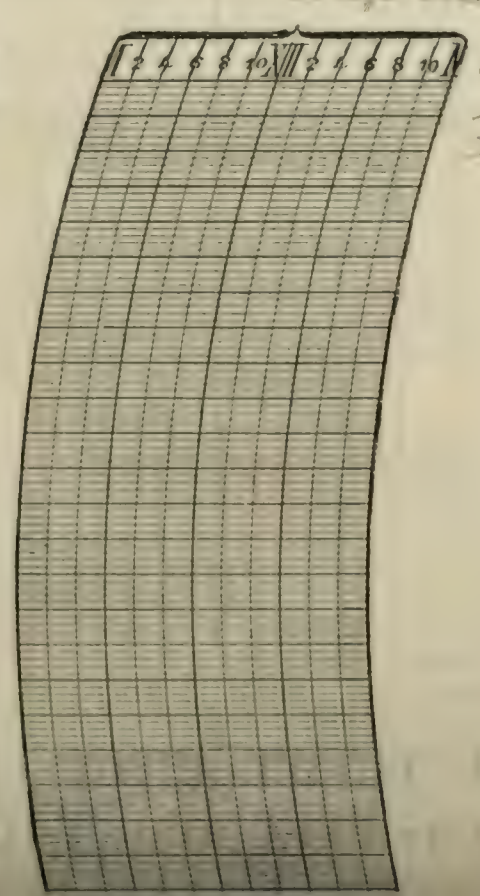
Relative humidity, 94 a. m. ..... p. m.

Reduced barometer, 30.23 a. m. ..... p. m.

River gage, 18.8, One stand







NOTES.

A special observation was taken at noon this date and telegraphed to Washington

Prepared by

Verified by

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LASALLE, ILL., (Day of week) Friday, (Date) DEC 15 1911, 191

Time (local standard), 90 mer.

1 hours slower than 75th meridian time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	28	27	26	25	25	26	27	26	26	26	29	30	31	34	33	31	30	29	29	28	28	28	[illegible]	[illegible]
									5 d B 8:15	5 d E 9:04							5 d B 4:40; 5 d E 4:53							
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation									← T →								T							
Cloudiness and other conditions					Dense fog						← Fog all day → ×		Lt fog		× Dense fog					← Cloudy → Fog				
Sunrise: Time, Character	7:14 Foggy																				Sunset: Time, Character	4:29 Foggy		
Sunshine (in tenths of hours)								0	0	0	× 0.5	× 1.0	1.0	× 1.0	× 1.0	0	0							
Wind direction	NE	NE	NE	NE	N	NW	NW	E	E	* S	* S	S	SE	E	E	NE	NE	E	NE	NE	NE	NE	NE	NE
Wind movement	1	1	1	2	2	1	1	2	3	3	3	1	3	4	5	6	6	5	5	6	5	5	5	4
Maximum velocities (exceeding 25 miles)																								

Maximum.	Minimum.	Mean.	Normal.
34	25	30	[illegible]

Total depth of snow for 24 hours ending 7 p. m., T inches.

Snow on ground 7 p. m., T inches.

Total snowfall, midnight to midnight, T inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Cloudy (8) Moon phase,

Actual sunshine, hours, 4.5

Possible sunshine, hours, 9.2

Percentage of possible sunshine, 49

Prevailing direction Northeast

Total movement, 80

Average hourly velocity, 3.3

Maximum velocity,	Direction,	Time.
8	NE	4:02 pm
	8 – NE	– 4:02 pm

Extreme

Relative humidity, 100 a. m. p. m.

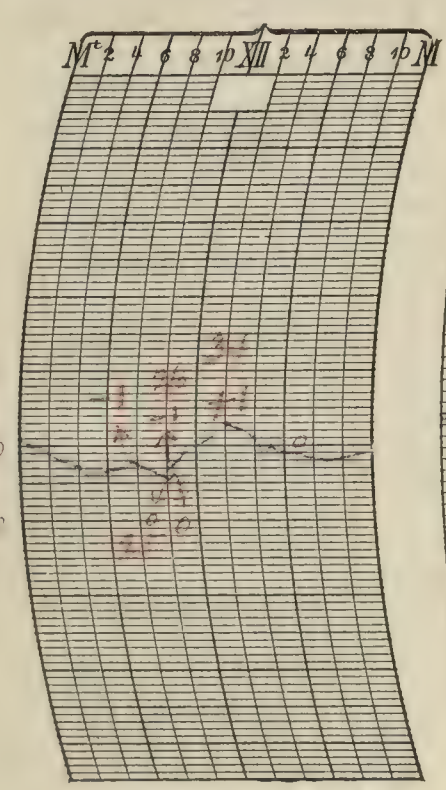
Reduced barometer, 30.08 a. m. p. m.

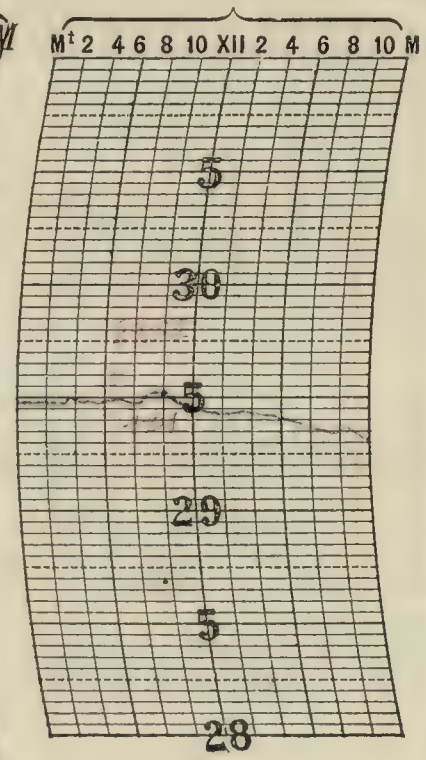
River gage, 18.8, on stand

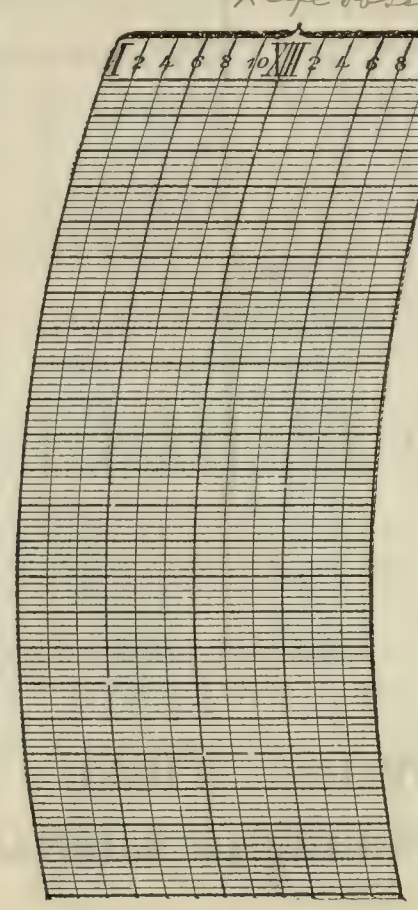
Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

× Eye observation, * Interpolated







NOTES.

Dense fog formed 2 ma, changed to light fog at 10:30 am, and became dense again at 3:00 pm. It changed to light fog at 8:00 pm and disappeared at 8:30 pm.

Prepared by S. [illegible]

Verified by S. P. P.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Saturday, (Date) DEC 16 1911, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	30	31	33	33	32	31	31	30	31	31	31	31	31	31	32	32	31	31	31	31	30	29	29	28
State of weather: Nature of precipitation and time of beginning and ending				B.D.	Ha					10:30														
Amounts of precipitation			←	.38			×		.06	→														
Cloudiness and other conditions								Cloudy			× P.C. ×		Cloudy											
Sunrise: Time, 7:15 Character, Cloudy																					Sunset: Time, 4:29 Character, Cloudy			
Sunshine (in tenths of hours)								0	0.5	×0.5	×0.5	0.9	0.4	0	0.3	0	0							
Wind direction	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W
Wind movement	6	11	8	7	8	8	7	7	6	7	10	11	9	10	9	7	8	9	7	8	6	3	5	6
Maximum velocities (exceeding 25 miles)																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
33	[illegible]	[illegible]	[illegible]

Total depth of snow for 24 hours ending 7 p. m., 6.2 inches.

Snow on ground 7 p. m., 4.5 inches.

Total snowfall, midnight to midnight, 6.2 inches.

Precipitation to 7 a. m., .38 ins.; to 7 p. m., .06 ins.

Total precipitation, midnight to midnight, .44 inches.

Character of day, Cloudy (9) Moon phase,

Actual sunshine, hours, 3.1

Possible sunshine, hours, 9.2

Percentage of possible sunshine, 34

Prevailing direction, West

Total movement, 187

Average hourly velocity, 7.8

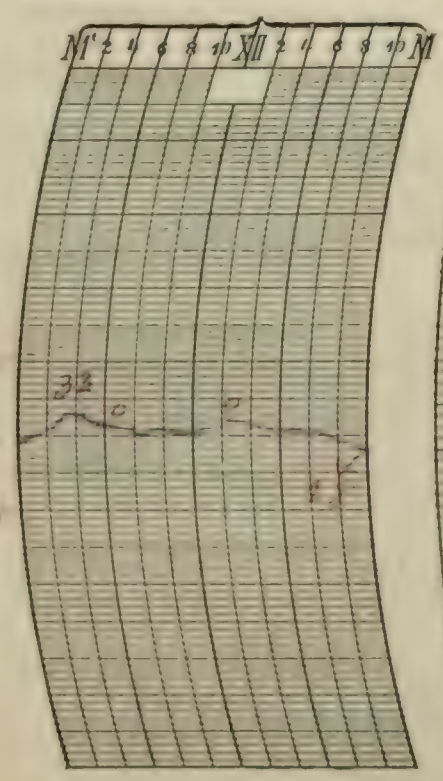
	Maximum velocity,	Direction,	Time.
Extreme	15	NE	3:50 am
		16-NE	3:50 am

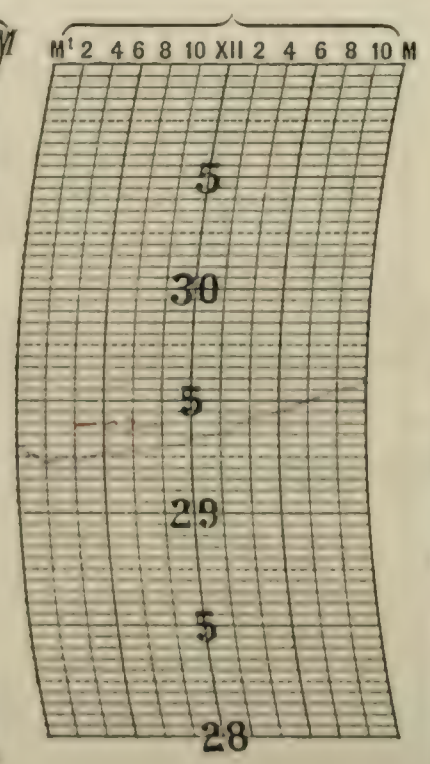
Relative humidity, 98 a. m. p. m.

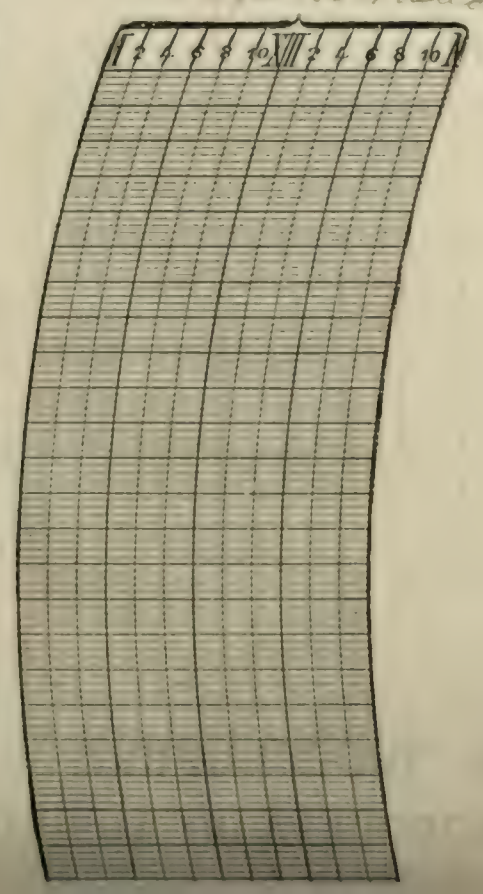
Reduced barometer, 29.84 a. m. p. m.

River gage, 1.87, falling

× Eye observation.







NOTES.

Prepared by S. V. F.

Verified by S. W. O.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL, (Day of week) Sunday, (Date) DEC 17 1911, 191

Time (local standard), 90 mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	27	26	24	24	25	26	26	25	24	25	26	26	28	29	28	28	27	27	26	26	26	[illegible]	[illegible]	[illegible]
State of weather: Nature of precipitation and time of beginning and ending																B 3:40					D	R	F	
Amounts of precipitation																←	T		×		.02		→	
Cloudiness and other conditions			Moon visible at intervals								Cloudy													
Sunshine (in tenths of hours)								0	0	0.6	0.9	1.0	0.6	0.5 ×	0.3 ×	0	0							
Wind direction	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W
Wind movement	6	4	3	3	4	5	5	5	5	6	6	6	3	3	3	3	3	1	2	1	1	2	1	2
Maximum velocities (exceeding 25 miles)																								

Sunrise: Time, 7:16; Character, Cloudy

Sunset: Time, 4:29; Character, Cloudy

Excessive precipitation, accumulated amounts	Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

× Spots on sun

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
29	24	[illegible]	[illegible]

Total depth of snow for 24 hours ending 7 p. m., 0.1 inches.

Snow on ground 7 p. m., 3.7 inches.

Total snowfall, midnight to midnight, 0.5 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, 0.02 inches.

Character of day, Cloudy (9) Moon phase,

Actual sunshine, hours, 3.9

Possible sunshine, hours, 9.2

Percentage of possible sunshine, 42

Prevailing direction W

Total movement, 83

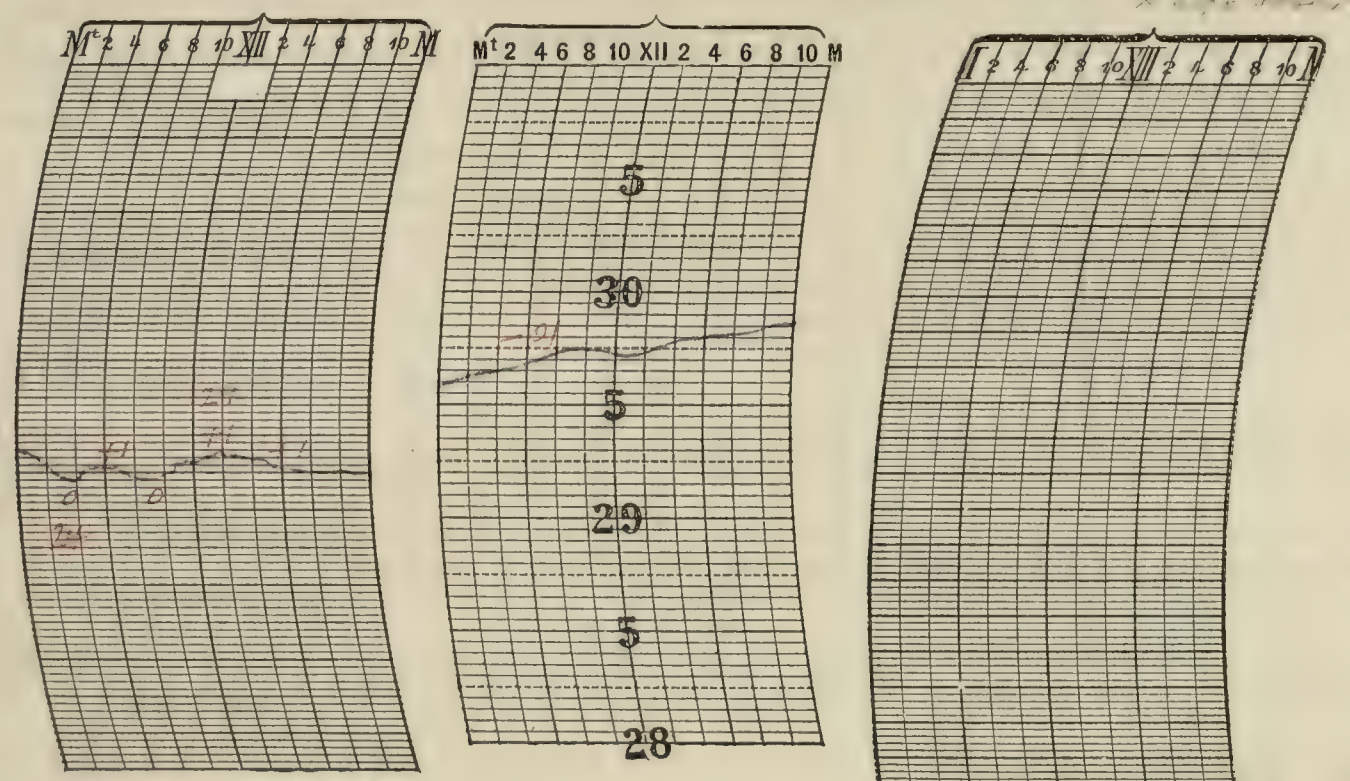
Average hourly velocity, 3.5

Maximum velocity,	Direction,	Time.
7	W	10:47 am
Extreme vel., 7	W	10:47 am

Relative humidity, 69 a. m. ____ p. m.

Reduced barometer, 30.29 a. m. ____ p. m.

River gage, 18.6 falling



NOTES.

Prepared by

Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) LASALLE, ILL, (Day of week) Monday, (Date) DEC 1 1911, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	25	25	25	25	25	25	25	25	26	27	27	29	30	31	32	31	31	31	30	30	30	30	27	27
State of weather: Nature of precipitation and time of beginning and ending													5 B 12:10 de 12:25											
Amounts of precipitation													T											
Cloudiness and other conditions							Cloudy																	
Sunrise: Time, 7:16 Character, Cloudy																					Sunset: Time, 4:30 Character, Cloudy			
Sunshine (in tenths of hours)								0	0	0	0	0	0	0	0	0	0							
Wind direction	W	W	W	W	W	W	W	W	W	W	NE	N	N	NE	N	NE	NE	NE	NE	NE	NE	NE	NE	NE
Wind movement	1	2	1	1	1	1	2	1	2	1	3	2	2	4	2	3	2	3	3	3	2	4	4	2
Maximum velocities (exceeding 25 miles)																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Maximum.	Minimum.	Mean.	Normal.
32	25	[illegible]	[illegible]

Total depth of snow for 24 hours ending 7 p. m., 0.4 inches.

Snow on ground 7 p. m., 3.0 inches.

Total snowfall, midnight to midnight, T inches

Precipitation to 7 a. m., .02 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Cloudy (10) Moon phase

Actual sunshine, hours, 0

Possible sunshine, hours, 9.0

Percentage of possible sunshine, 0

Prevailing direction, Southeast

Total movement, 52

Average hourly velocity, 2.2

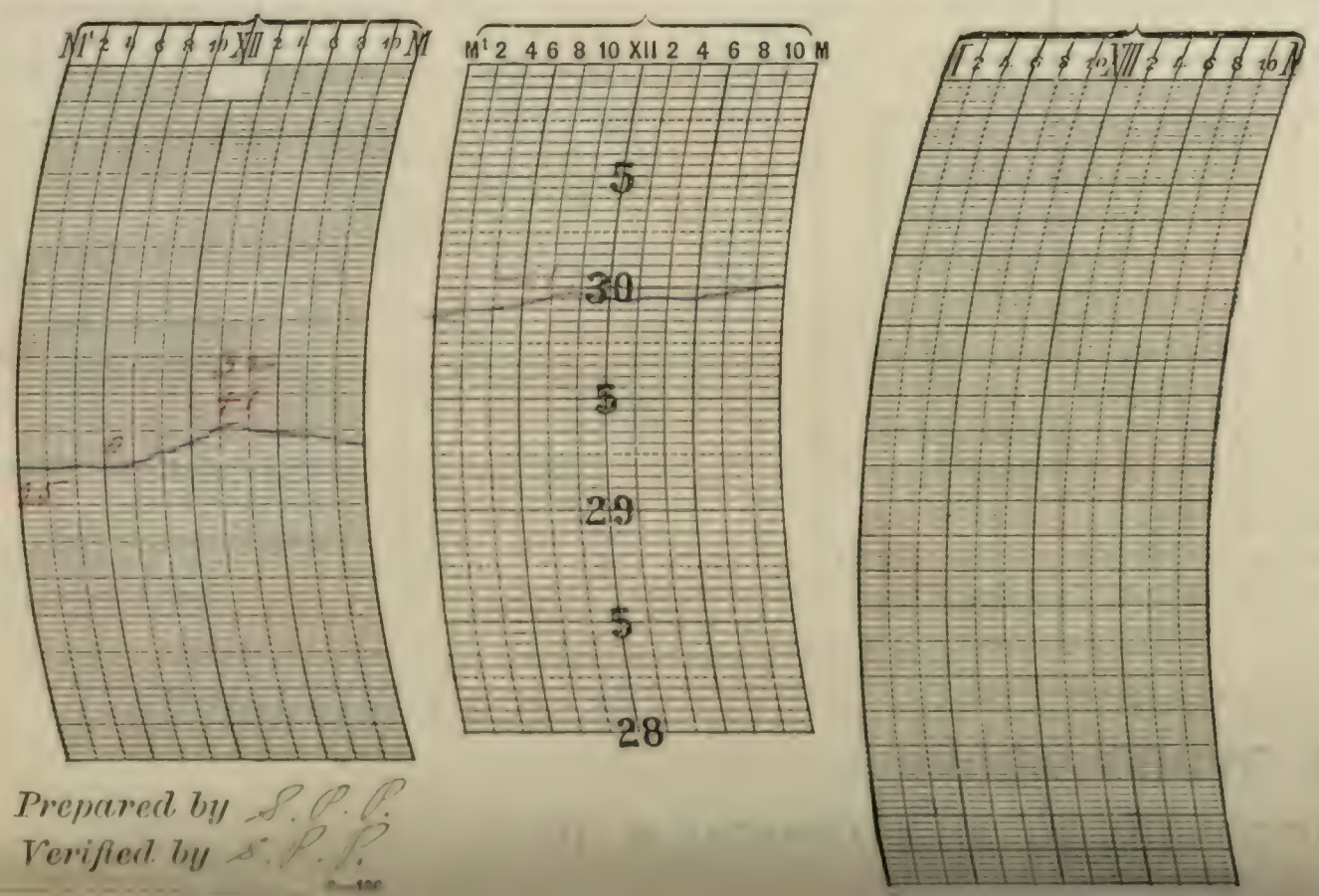
	Maximum velocity,	Direction,	Time
	5	NE	10:13 pm
Extreme		5-NE	10:13 pm

Relative humidity, 87 a. m. p. m.

Reduced barometer, 30.53 a. m. p. m.

River gage, [illegible]

NOTES.



Prepared by S. P. P.

Verified by S. P. P.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Tuesday, (Date) DEC 19 1911, 191

Time (local standard), 75 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	27	25	21	17	16	15	13	12	14	17	20	24	28	32	32	32	30	28	25	26	27	27	27	28
State of weather: Nature of precipitation and time of beginning and ending								5:20 B 7:15 E 7:40																
Amounts of precipitation								T																
Cloudiness and other conditions					Dense fog				Cloudy × Pt Cldy × Clear — × Pt fog →															
Sunrise: Time, 7:17 Character, Foggy																					Sunset: Time, 4:32 Character, Clear			
Sunshine (in tenths of hours)								0	×0.2	×1.0	×1.0	1.0	1.0	1.0	×1.0	0	0							
Wind direction	NE	NE	NE	E	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	E	E
Wind movement	4	3	4	4	3	2	4	3	3	2	2	5	8	5	8	7	9	10	11	10	9	10	11	11
Maximum velocities (exceeding 25 miles)																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
32	12	22	21

Total depth of snow for 24 hours ending 7 p. m., T inches.

Snow on ground 7 p. m., 2.3 inches.

Total snowfall, midnight to midnight, T inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Pt Cldy (5) Moon phase,

Actual sunshine, hours, 7.7

Possible sunshine, hours, 9

Percentage of possible sunshine, 84

Prevailing direction Northeast

Total movement, 148

Average hourly velocity, 6.2

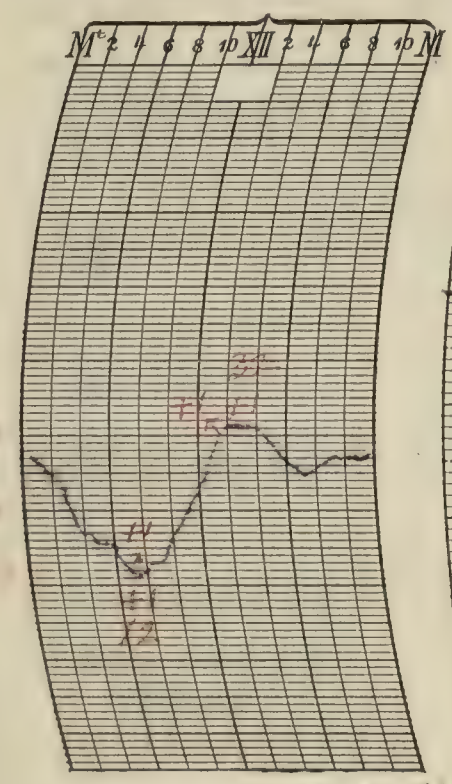
Maximum velocity,	Direction,	Time.
13	E	10:21 pm
Extreme vel. 13	E	10:21 pm

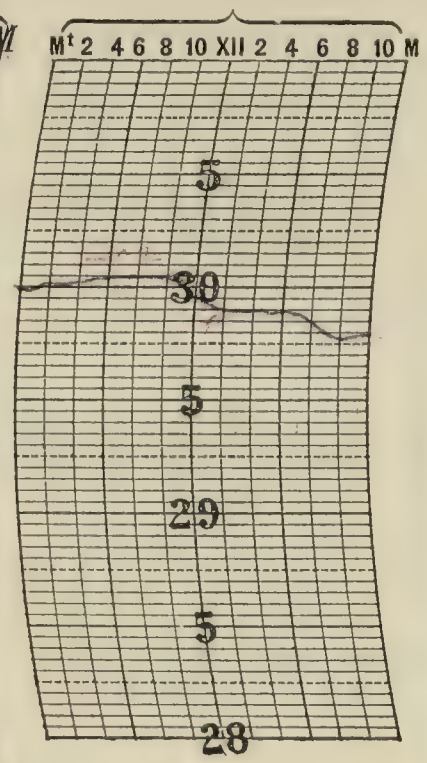
Relative humidity, 88 a. m. ____ p. m.

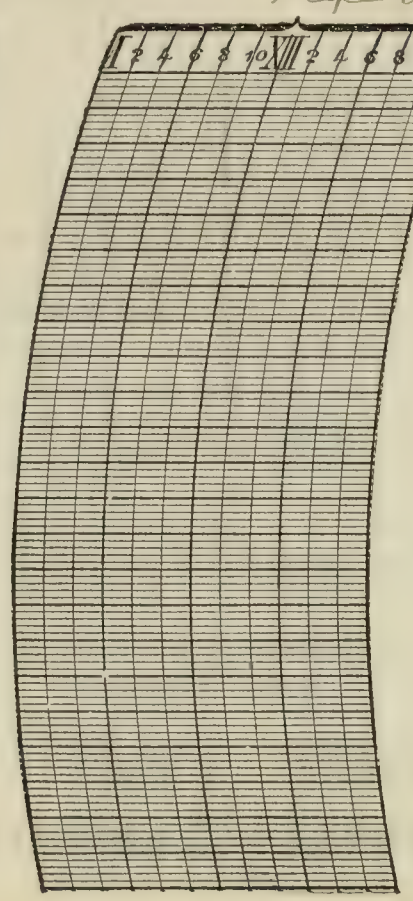
Reduced barometer, 30.63 a. m. ____ p. m.

River gage, 10.3, falling.

× Eye observation.







NOTES.

Dense fog began 7:17a; ended 7:50 am.

Light fog began 7:50a; ended 10.15 am.

A special observation was taken at 1:45 pm and telegraphed to Washington.

Prepared by S. F. H.

Verified by S. F. H.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) [illegible], (Day of week) Wednesday, (Date) [illegible] 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	26	25	26	26	26	26	25	26	26	28	30	32
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					Clear			×	P.C.	×	Cloudy	
Sunrise: Time, Character, 7:17 Clear												
Sunshine (in tenths of hours)								.72 0	0.7 0	0	0	0
Wind direction	NE	NE	E	E	E	E	E	E	E	E	E	E
Wind movement	12	13	16	17	19	15	18	18	19	17	18	17
Maximum velocities (exceeding 25 miles)												E 25

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	32	33	34	34	32	32	33	34	33	34	34	34
State of weather: Nature of precipitation and time of beginning and ending		R+SLB 2:07 R+SLB 2:40 RB 2:40				RE 6:15 R+SLB 6:15		R+SLB E 7:45 RB 7:45				
Amounts of precipitation			+		.38		×		.01			
Cloudiness and other conditions												
Sunset: Time, Character, 4:30 Cloudy												
Sunshine (in tenths of hours)	0	0	0	0	0							
Wind direction	E	E	E	E	E	E	E	E	E	E	E	E
Wind movement	16	15	11	15	15	16	14	16	14	12	10	10

	Maximum.	Minimum.	Mean.	Normal.
	34	25		26

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 2.3 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., .38 ins.

Total precipitation, midnight to midnight, .39 inches.

Character of day Cloudy (5) Moon phase [illegible]

Actual sunshine, hours, 1.4

Possible sunshine, hours, 9.2

Percentage of possible sunshine, 15

Prevailing direction East

Total movement, 363

Average hourly velocity, 15.1

	Maximum velocity.	Direction.	Time.
	25	E	11:06 a. m.
Extreme		25-E	11:07 a. m.

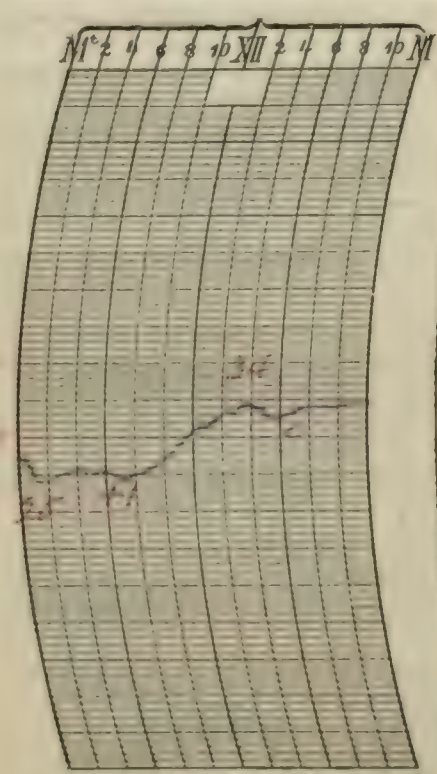
Relative humidity, 81 a. m. ____ p. m.

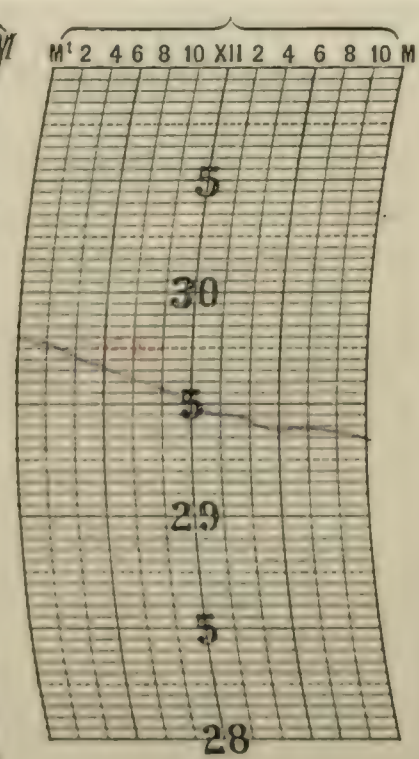
Reduced barometer, 30.22 a. m. ____ p. m.

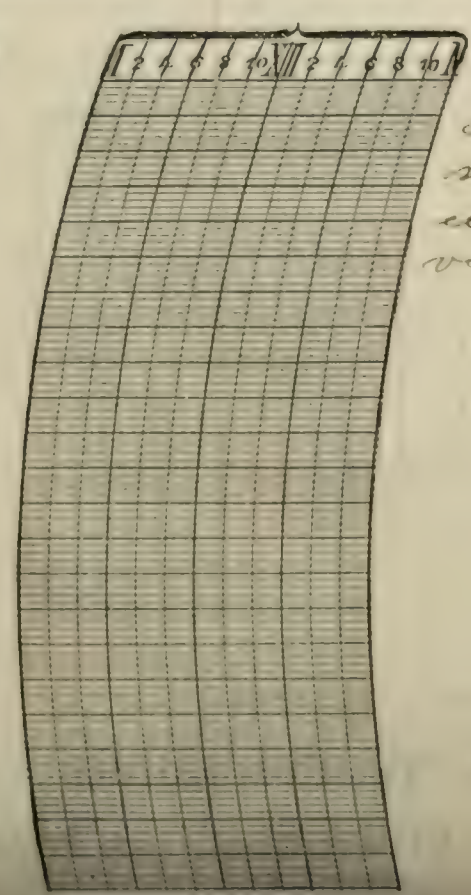
River gage, 18.0, falling

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts







NOTES.

Heavy sleet storm occurred this date. The total fall of sleet is estimated to be 0.3 inch. Some rain falling with the sleet, the streets became very slushy.

Prepared by S. S. W.

Verified by [illegible]

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Thursday, (Date) DEC 21 1911, 191

Time (local standard), 90 mer.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	35	35	36	37	37	36	36	35	36	39	37	41	43	44	43	42	40	39	37	38	38	36	38	37
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					Cloudy Lt fog					Pt cldy							Clear							
Sunshine (in tenths of hours)								0	0.6	0.7	1.0	1.0	1.0	0.9	0.9	0.6 0.2	.52 0							
Wind direction	E	SE	SE	SE	SE	S	S	S	S	S	S	S	S	S	SW	SW	SW	S	S	SW	SW	SW	SW	SW
Wind movement	8	10	10	10	9	8	7	7	5	7	10	7	8	13	13	12	9	8	11	8	5	4	6	6
Maximum velocities (exceeding 25 miles)																								

Sunrise: Time, 7:18; Character, Cloudy

Sunset: Time, 4:31; Character, Clear

Excessive precipitation, accumulated amounts	Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
44	34	39	26

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., T inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .01 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Pt cldy (6) Moon phase,

Actual sunshine, hours, 7.4

Possible sunshine, hours, 9.2

Percentage of possible sunshine, 80

Prevailing direction, Southwest

Total movement, 203

Average hourly velocity, 8.5

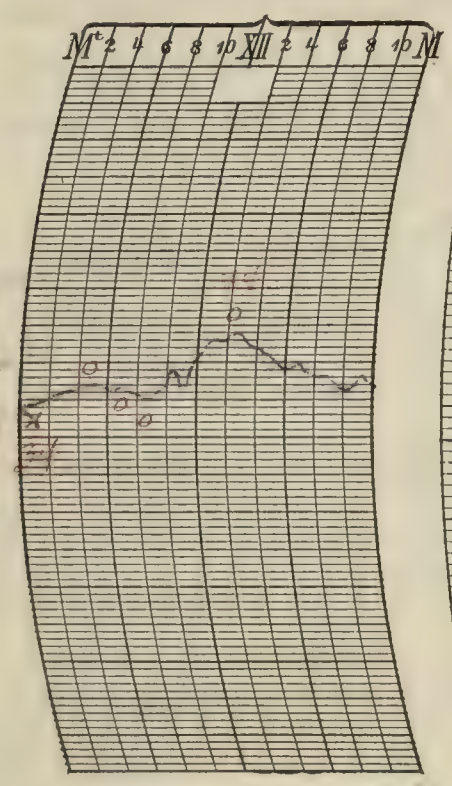
Maximum velocity,	Direction,	Time.
16	SW	2:37 pm

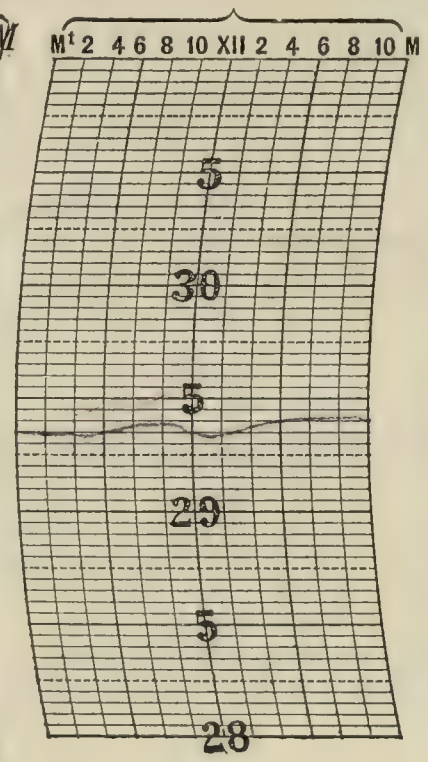
Extreme vel., 17-SW - 2:38 p

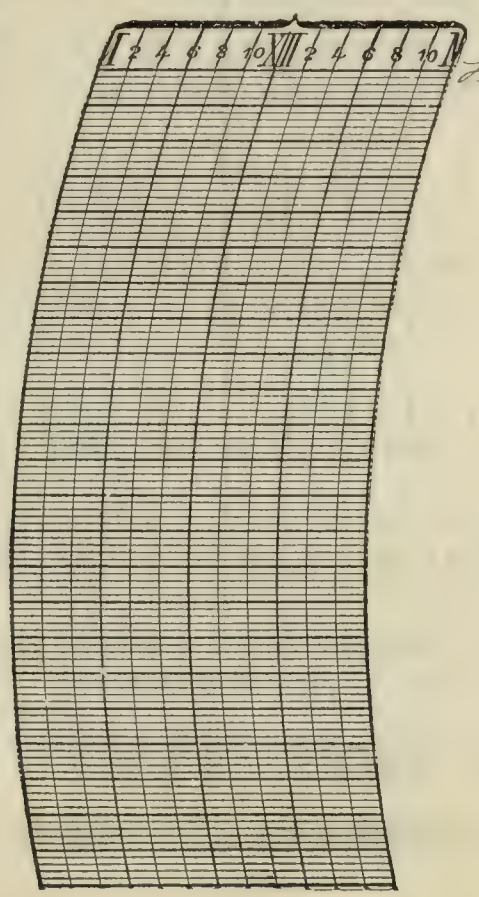
Relative humidity, 98 a. m. p. m.

Reduced barometer, 29.93 a. m. p. m.

River gage, 18.0, Bre stand







NOTES.

Lt fog began 2 Ma.; ended 8 a.m.

Prepared by S. V.

Verified by S. P. P.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Friday, (Date) DEC 22 1911, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	37	37	37	37	37	37	x	x	x	x	35	37	38	40	40	39	37	36	34	31	31	31	31	30
State of weather: Nature of precipitation and time of beginning and ending			RBRa RDRa						RBRa 8:27	9:48														
Amounts of precipitation			← T →						← T →															
Cloudiness and other conditions						Cloudy					H.P.C.H		Clear	H.P.C.H		Cloudy					Moon visible at intervals			
Sunshine (in tenths of hours)								0	0	0	0	0.6	0.9	1.0	1.0	0.5	0							
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	W	W	W	W	W	W	W	W
Wind movement	4	5	6	6	10	7	8	9	10	x	x	x	13	12	10	10	7	9	9	13	12	10	12	11
Maximum velocities (exceeding 25 miles)																								

Sunrise: Time, 7:15 Character, Cloudy

Sunset: Time, 4:31 Character, Cloudy

Excessive precipitation, accumulated amount	Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
40	30		x

Total depth of snow for 24 hours ending 7 p. m., T inches.

Snow on ground 7 p. m., T inches.

Total snowfall, midnight to midnight, T inches

Precipitation to 7 a. m., T ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, T inches.

Character of day Partly Cloudy Moon phase.

Actual sunshine, hours, 4.0

Possible sunshine, hours, 9.2

Percentage of possible sunshine, 43

Prevailing direction, Southwest

Total movement, 3.3.6

Average hourly velocity, 9.4

Maximum. velocity,	Direction,	Time.
17	SW	12:17 pm
Extreme vel., 17	SW	12:17 pm

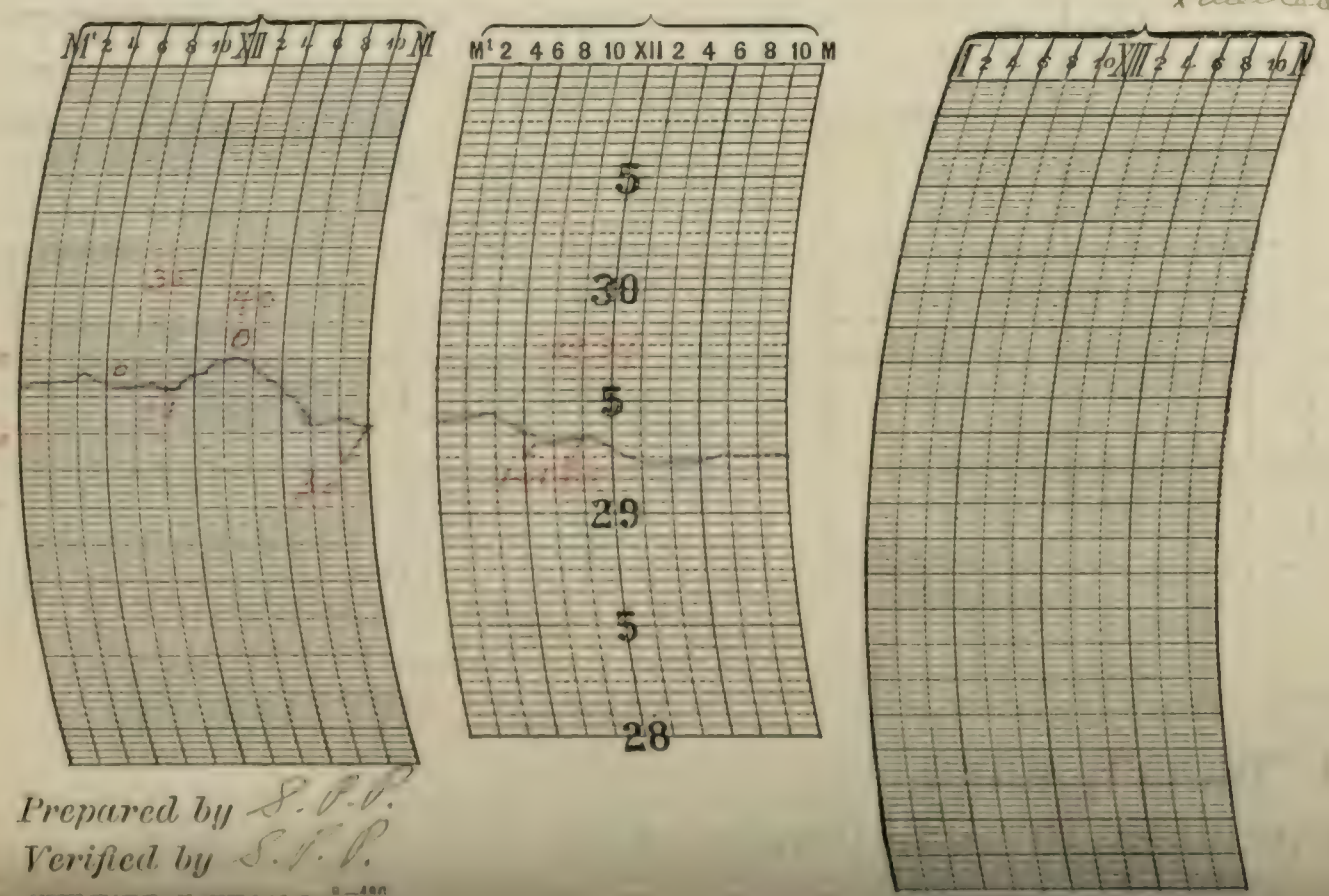
Relative humidity, 87 a. m. p. m.

Reduced barometer, 29.92 a. m. p. m.

River gage, 18.4 rising

x Melted as it fell.

NOTES.



Prepared by S. V. V.

Verified by S. V. V.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Saturday, (Date) DEC 23 1911, 191

Time (local standard), 90 mer.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	30	29	29	29	29	28	28	28	28	28	29	32	31	29	30	30	29	29	29	28	29	30	30	30
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					Cloudy						* Pt Cldy				* Clear				Clear Visible					
Sunrise: Time, 7:19 Character, Cloudy																					Sunset: Time, 4:32 Character, Clear			
Sunshine (in tenths of hours)								0	0	0	0.5	1.0	1.0	0.6 ×	0.5 ×	0.3 0.3	.53 0							
Wind direction	W	W	W	W	W	W	W	W	W	W	SW	SW	SW	SW	SW	SW	SW	SW	S	S	S	S	S	S
Wind movement	12	12	10	12	11	10	13	13	12	11	14	12	14	13	11	9	5	4	5	5	5	5	5	5
Maximum velocities (exceeding 25 miles)																								

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

* Fog observation.

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
32	28	30	25

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 1 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Pt Cldy (6) Moon phase,

Actual sunshine, hours, 4.7

Possible sunshine, hours, 9.2

Percentage of possible sunshine, 51

Prevailing direction, West

Total movement, 228

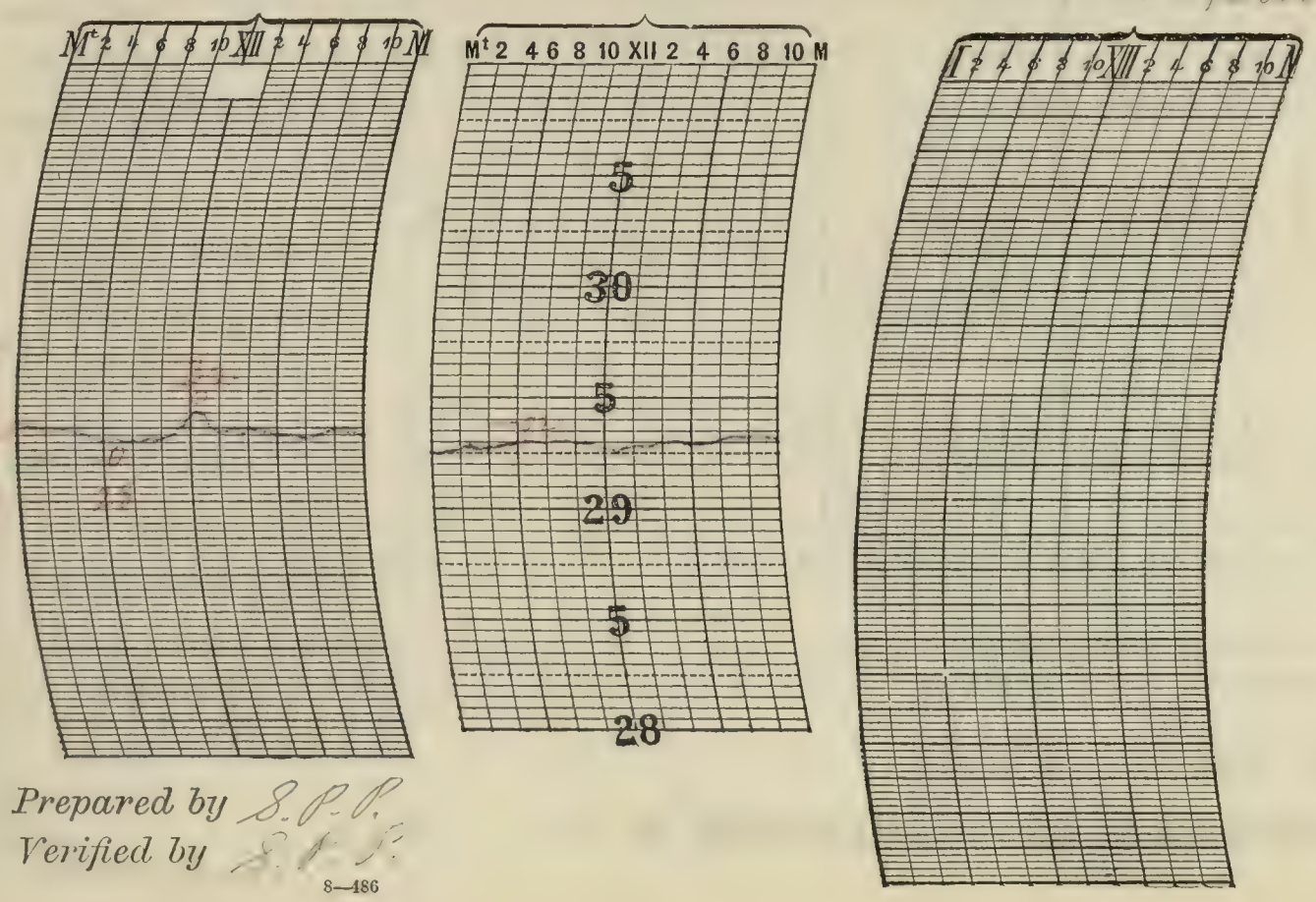
Average hourly velocity, 9.5

Maximum velocity,	Direction,	Time.
17	W	6:14 am
Extreme vel., 19	W	6:16 am

Relative humidity, 77 a. m. ____ p. m.

Reduced barometer, 29.88 a. m. ____ p. m.

River gage, 19.1, Rising



NOTES.

Prepared by S. P. P.
Verified by S. P. P.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Sunday, (Date) DEC 24 1911, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	29	29	29	25	28	28	28	28	30	34	37	40
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions											Co	a
Sunrise: Time, Character, 7:19 Clear												
Sunshine (In tenths of hours)								.68 0	.1 0.9	1.0	1.0	1.0
Wind direction	S	S	S	SW	SW	S	SW	SW	S	S	SW	S
Wind movement	3	3	4	5	4	5	8	5	5	6	9	7
Maximum velocities (exceeding 25 miles)												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	43	44	44	43	41	39	37	37	[illegible]	[illegible]	[illegible]	[illegible]
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	a					Moon visible						
Sunset: Time, Character, 4:33 Clear												
Sunshine (In tenths of hours)	1.0	1.0	1.0	1.0	.55 0							
Wind direction	S	S	SE	SE	SE	SE	SE	S	SW	SW	SW	SW
Wind movement	6	8	8	8	7	8	7	8	9	11	13	7
Maximum velocities (exceeding 25 miles)												

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
44	28	36	34

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Co a 0 Moon phase.

Actual sunshine, hours, 9.2

Possible sunshine, hours, 9.2

Percentage of possible sunshine, 100

Prevailing direction, South

Total movement, 164

Average hourly velocity, 6.8

Maximum. velocity,	Direction,	Time.
14	SW	10:44 p.m.
Extreme vel., 14	SW	10:44 p.m.

Relative humidity, 88 a. m. p. m.

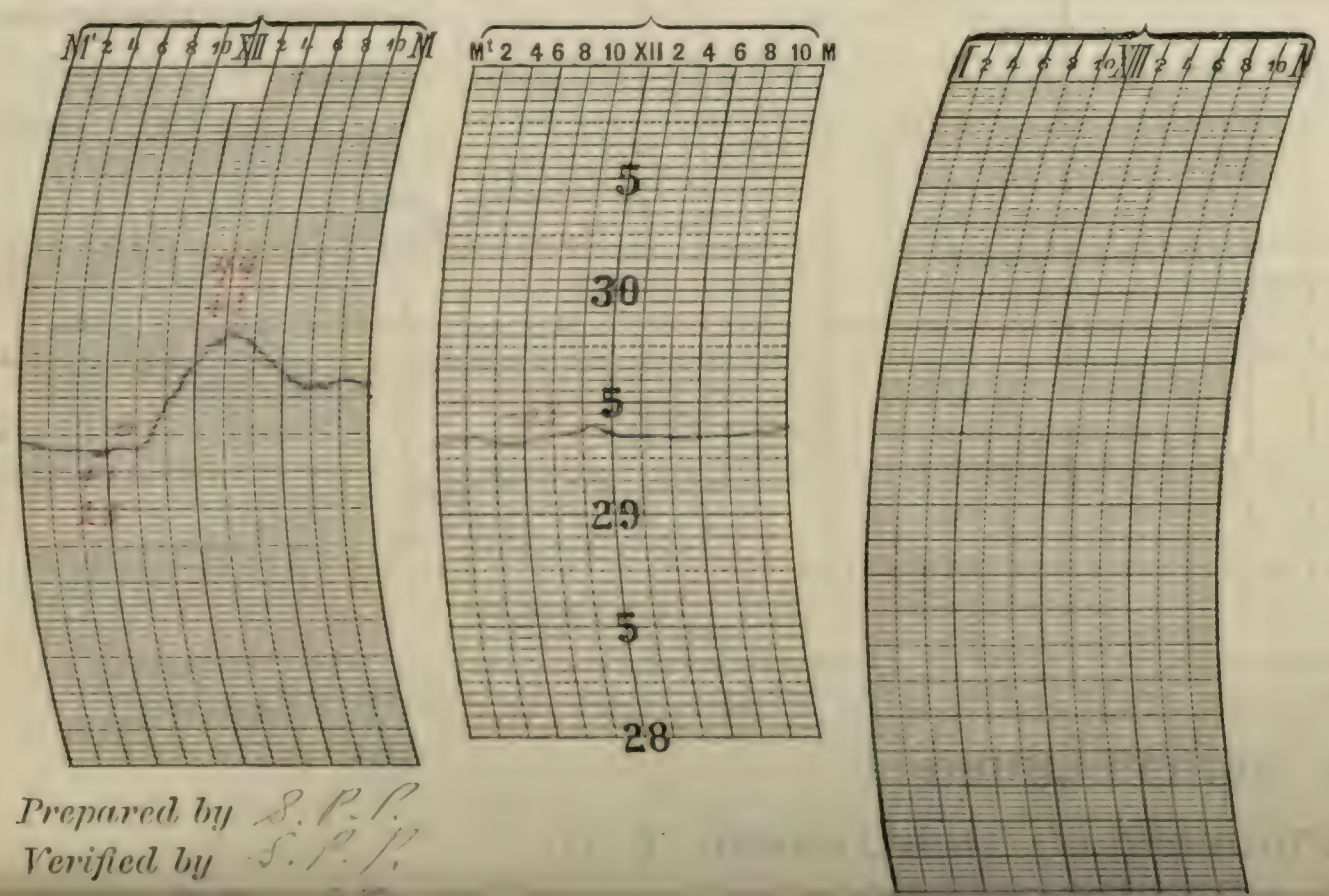
Reduced barometer, 29.89 a. m. p. m.

River gage, 19.5, Rising

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

NOTES.



Prepared by S. P. P.

Verified by S. P. P.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LASALLE, ILL., (Day of week) Monday, (Date) DEC 25 1911, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	38	38	38	35	32	31	29	26	26	27	28	30
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions											Clear	
Sunrise: Time, 7:20 Character, Clear												
Sunshine (in tenths of hours)								.67 0	0.4 0.6	1.0	1.0	1.0
Wind direction	SW	SW	W	W	W	W	W	W	W	W	W	W
Wind movement	10	10	9	13	14	10	9	8	10	9	9	9
Maximum velocities (exceeding 25 miles)												

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	32	33	34	33	32	31	30	30	29	25	25	27
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions						Moon visible						
Sunset: Time, 4:33 Character, Clear												
Sunshine (in tenths of hours)	1.0	1.0	1.0	0.4 0.6	.55 0							
Wind direction	W	W	W	W	W	W	W	W	W	W	W	E
Wind movement	7	6	4	5	3	3	6	6	5	9	6	8

Maximum	Minimum.	Mean.	Normal.
39	26	32	–

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear (1) Moon phase,

Actual sunshine, hours, 9.2

Possible sunshine, hours, 9.2

Percentage of possible sunshine, 100

Prevailing direction Northeast

Total movement, 188

Average hourly velocity, 7.8

Maximum velocity,	Direction,	Time.
16	NW	3:42 am
Extreme vel.	17-W	4:10 am

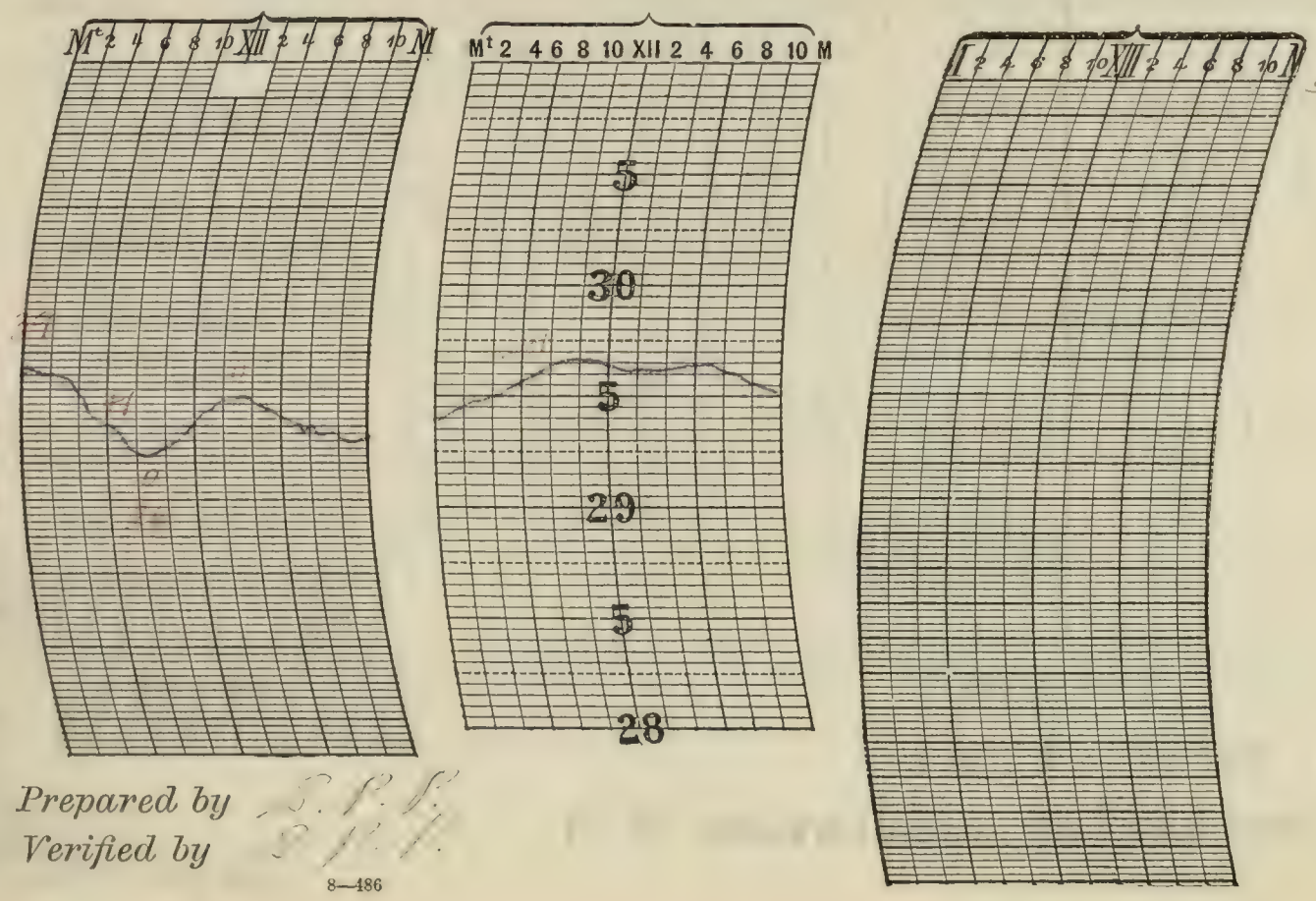
Relative humidity, 72 a. m. ____ p. m.

Reduced barometer, 30.18 a. m. ____ p. m.

River gage, 19.5, on stand.

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.



NOTES.

Lunar halo observed at 1 p.m.

Prepared by S. P. S.
Verified by S. P. S.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Tuesday, (Date) DEC 26 1911, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	30	31	31	31	31	31	31	32	33	33	33	33
State of weather: Nature of precipitation and time of beginning and ending			S 2m	BD	Ha			S 8:05 E 8:05 R+S BE 8:05 R+S E 8:45 R E 8:45				
Amounts of precipitation					.09					.05		
Cloudiness and other conditions							Cloudy					
Sunrise: Time, Character, 7:20 Cloudy												
Sunset: Time, Character,												
Sunshine (in tenths of hours)								0	0	0	0	0
Wind direction	E	NE	NE	NE	NE	NE	NE	E	E	E	E	E
Wind movement	5	7	10	13	15	12	15	16	18	16	17	1[illegible]
Maximum velocities (exceeding 25 miles)												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	34	34	35	36	37	37	36	3[illegible]	3[illegible]	3[illegible]	3[illegible]	3[illegible]
State of weather: Nature of precipitation and time of beginning and ending						RE 6:20				S 2m BD	20k	
Amounts of precipitation			.10								T	
Cloudiness and other conditions												
Sunrise: Time, Character,												
Sunset: Time, Character, 4:34 Cloudy												
Sunshine (in tenths of hours)	0	0	0	0	0							
Wind direction	E	E	SE	SE	SW	SW	SW	SW	SW	SW	W	W
Wind movement	10	8	6	6	13	20	21	27	27	30	23	20
Maximum velocities (exceeding 25 miles)						5:25 SW 26	6:58 SW 26	7:38 SW 34	8:45 SW 31	9:40 SW 38	10:13 W 28	

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

	Maximum.	Minimum.	Mean.	Normal.
	35	25		

Total depth of snow for 24 hours ending 7 p. m., 1.5 inches.

Snow on ground 7 p. m., 0.6 inches.

Total snowfall, midnight to midnight, 1.5 inches.

Precipitation to 7 a. m., .09 ins.; to 7 p. m., .15 ins.

Total precipitation, midnight to midnight, .24 inches.

Character of day, Cloudy (10) Moon phase.

Actual sunshine, hours, 0

Possible sunshine, hours, 9.2

Percentage of possible sunshine, 0

Prevailing direction, East

Total movement, 371

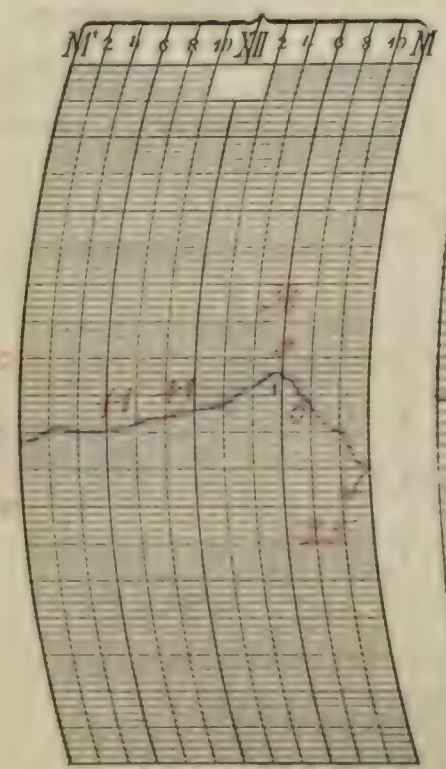
Average hourly velocity, 15.5

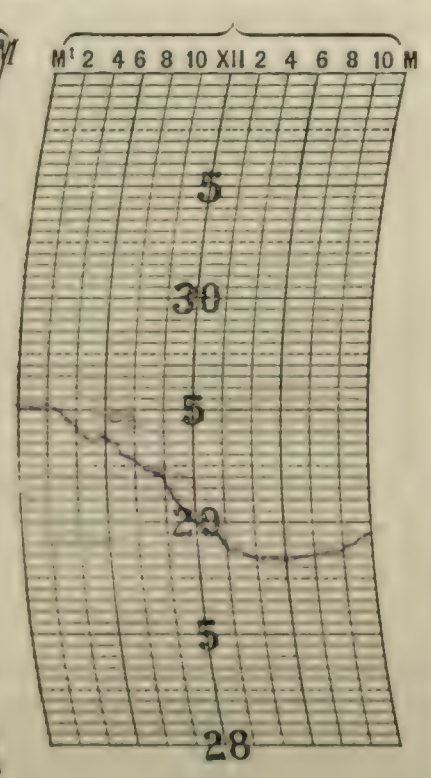
Maximum velocity,	Direction,	Time.
38	SW	9:40 pm
Fastest mile 43	W	9:38 pm

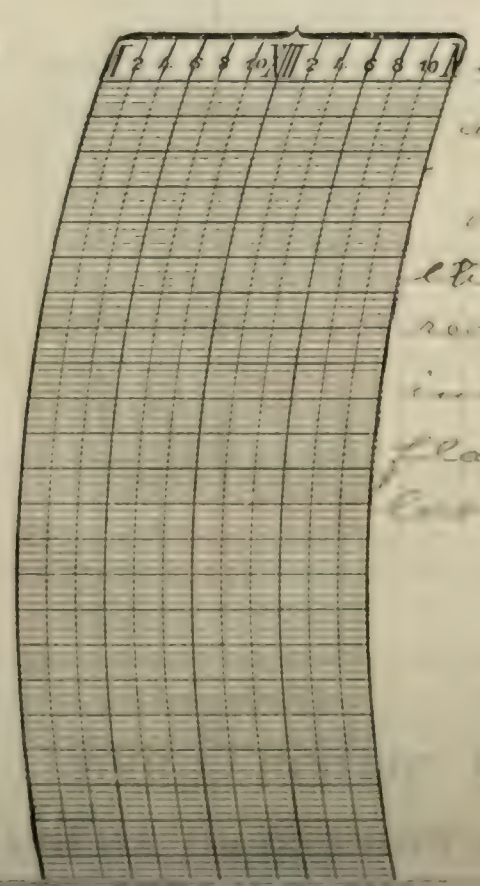
Relative humidity, 97 a. m. p. m.

Reduced barometer, 29.87 a. m. p. m.

River gage, 19.3, Falling







NOTES.

Special observations taken at 10:45 am and telegraphed to Washington.

A cold wave warning was contained in the regular am forecast message received this morning at 8:57. All interests were notified. The cold wave flag was hoisted at 9:00 am and lowered at 6:00 pm.

Prepared by S. P. [illegible]

Verified by S. P. [illegible]

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL, (Day of week) Wednesday, (Date) DEC 6 1911, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	25	24	23	23	23	20	17	16	17	17	17	18
State of weather: Nature of precipitation and time of beginning and ending		S	S	S	S							
Amounts of precipitation		T		T								
Cloudiness and other conditions							Clear					
Sunrise: Time, 7:20 Character, Clear												
Sunshine (in tenths of hours)								.67 0	.5 0.5	1.0	1.0	1.0
Wind direction	W	W	W	W	W	W	W	W	W	W	W	W
Wind movement	17	20	18	18	17	17	16	14	16	20	18	19
Maximum velocities (exceeding 25 miles)		1:34 W 26										

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	18	17	15	14	13	13	12	10	10	8	7	6
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions		* Partly cloudy				* Clear		Moon visible				
Sunset: Time, 4:34 Character, Clear												
Sunshine (in tenths of hours)	1.0	1.0	0.2	0.3	0							
Wind direction	W	W	W	W	W	W	W	W	W	W	W	W
Wind movement	22	20	22	21	20	20	18	20	18	14	14	16
Maximum velocities (exceeding 25 miles)	12:33 W 27			3:40 W 25	4:32 SW 27			7:35 W 25				

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
25	6	16	24

Total depth of snow for 24 hours ending 7 p. m., T inches.

Snow on ground 7 p. m., 0.1 inches.

Total snowfall, midnight to midnight, T inches.

Precipitation to 7 a. m., T ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Clear (3) Moon phase,

Actual sunshine, hours, 7.2

Possible sunshine, hours, 9.2

Percentage of possible sunshine, 78

Prevailing direction West

Total movement, 435

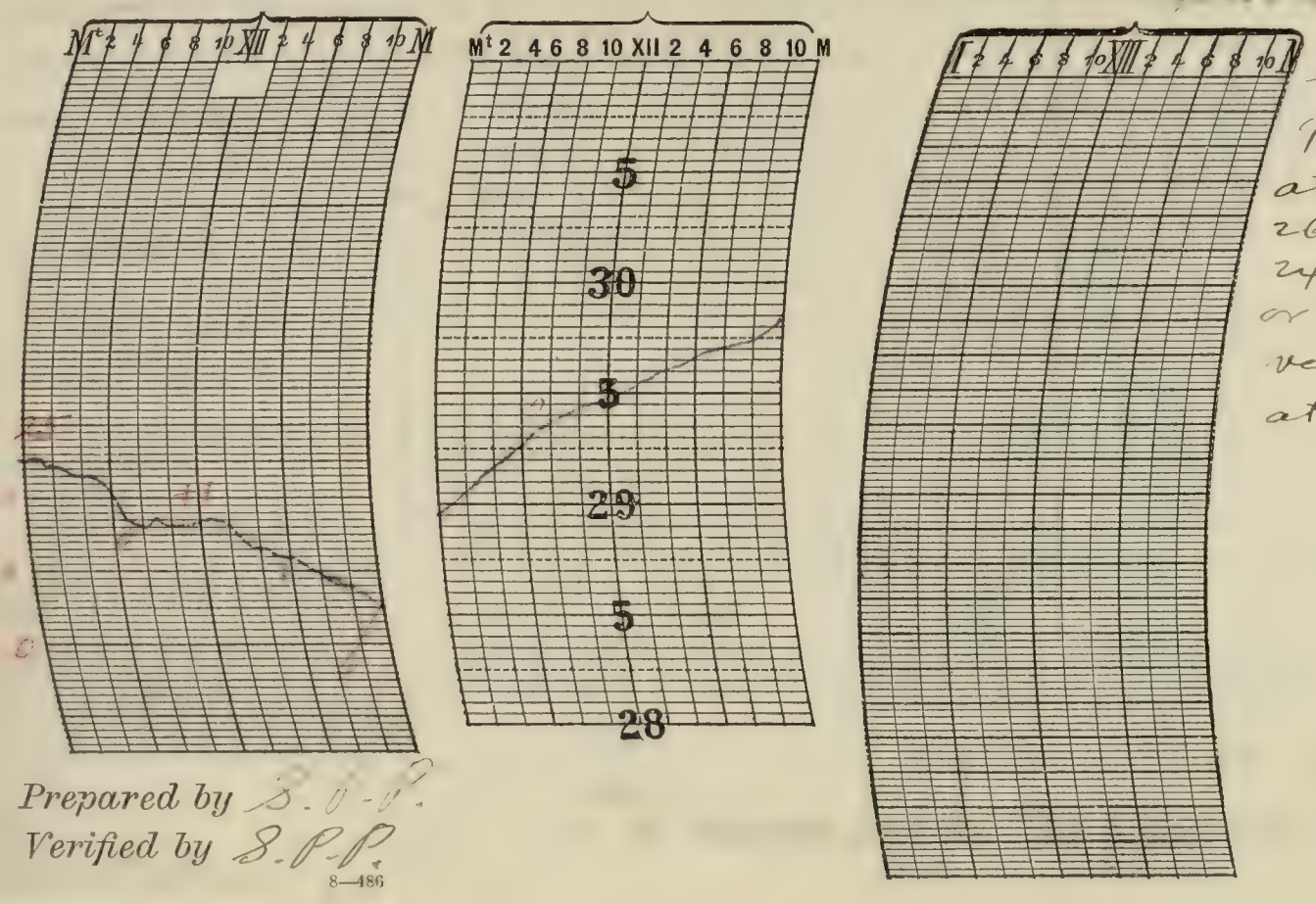
Average hourly velocity, 18.1

Maximum velocity,	Direction,	Time.
27	SW	4:32 am
	29 W	7:38 pm

Relative humidity, 80 a. m. p. m.

Reduced barometer, 29.92 a. m. p. m.

River gage, 19.3, Ow. & Cave



Prepared by S. O. O.
Verified by S. P. P.

8—486

NOTES.

Cold wave occurred this date. The verifying temperature (10°) was reached at 8 pm. The 24-hr. fall since 8 pm of the 26th was 23°. This was also the greatest 24-hr fall down to the verifying temperature or below. A greater fall, but not to the verifying temperature, was 25°, — from 38° at 6 pm on the 26th to 13° at 6 pm on the 27th.

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Saturday, (Date) DEC 29 1911 191

Time (local standard), 90 mer.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	5	4	4	3	4	3	3	3	5	8	11	15	19	22	25	26	25	24	24	24	23	23	24	24
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions										Clear									Moon visible					
Sunrise: Time, Character,	7:21 Clear																				Sunset: Time, Character,	4:35 Clear		
Sunshine (in tenths of hours)								.65 0	0.7 0.3	1.0	x 1.0	x 1.0	1.0	1.0	1.0	0.2 0.8	.58 0							
Wind direction	W	W	W	W	W	W	W	W	W	SW	SW	SW	SW	S	SE	SE	SE	E	SE	SE	SE	SE	S	S
Wind movement	14	14	10	6	9	11	8	4	3		5	7	4	5	7	7	4	5	9	9	11	11	10	10
Maximum velocities (exceeding 25 miles)																								

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
26	3		

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., T inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear (1) Moon phase, D

Actual sunshine, hours, 9.2

Possible sunshine, hours, 9.2

Percentage of possible sunshine, 100

Prevailing direction, West

Total movement, 187

Average hourly velocity, 7.8

Maximum velocity.	Direction.	Time.
16	W	12:12 am
	17-W	12:14 am

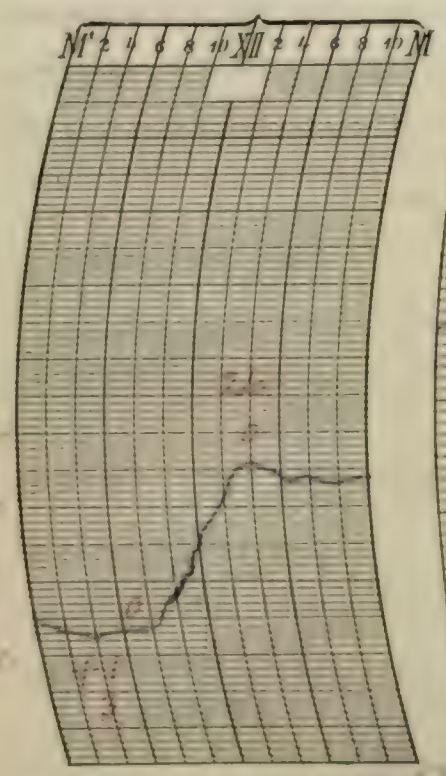
Extreme Vel.

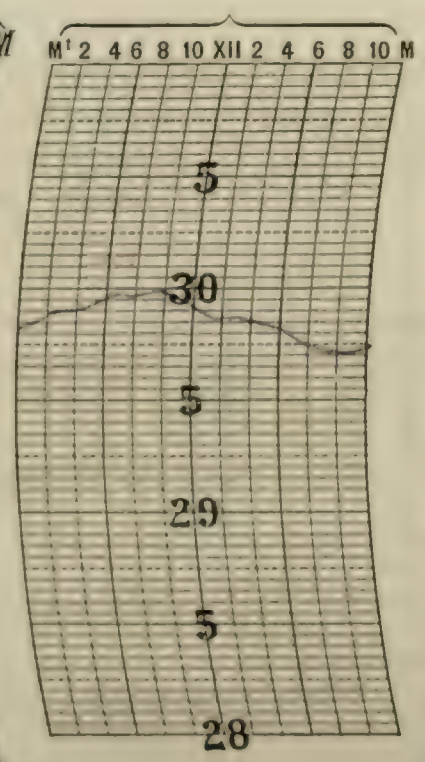
Relative humidity, 89 a. m. p. m.

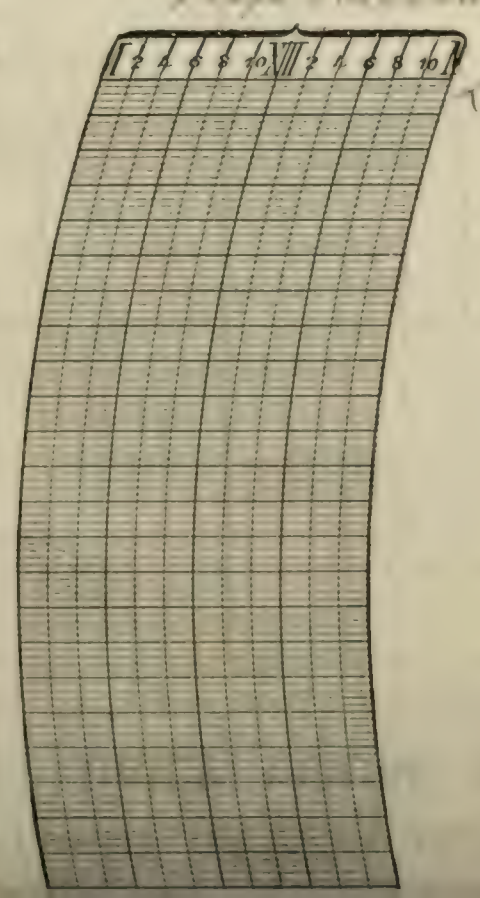
Reduced barometer, 30.58 a. m. p. m.

River gage,

NOTES.







Prepared by

Verified by

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., *(Day of week)* Friday, *(Date)* DEC 29 1911, 191

Time (local standard), 90 mer.

	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	23	23	23	23	23	22	22	23	26	30	32	34	35	36	36	36	35	35	34	34	34	34	35	[illegible]
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					Clear						P.C.		Cloudy											
	Sunrise: Time, 7:21 Character, Clear																				Sunset: Time, 4:36 Character, Cloudy			
Sunshine (in tenths of hours)								65 0	0.8 0.2	1.0	0.9	0.7	0	0	0	0	0							
Wind direction	S	S	S	S	SE	SE	SE	SE	SE	S	S	S	SW	SW	SW	SW	S	S	S	SW	SW	S	S	S
Wind movement	8	5	5	5	5	4	4	4	4	5	10	7	10	11	6	4	6	4	5	6	3	3	4	2
Maximum velocities (exceeding 25 miles)																								

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
36	22	27	27

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, PCldy (C) Moon phase,

Actual sunshine, hours, 4.2

Possible sunshine, hours, 9.2

Percentage of possible sunshine, 46

Prevailing direction, South

Total movement, 130

Average hourly velocity, 5.4

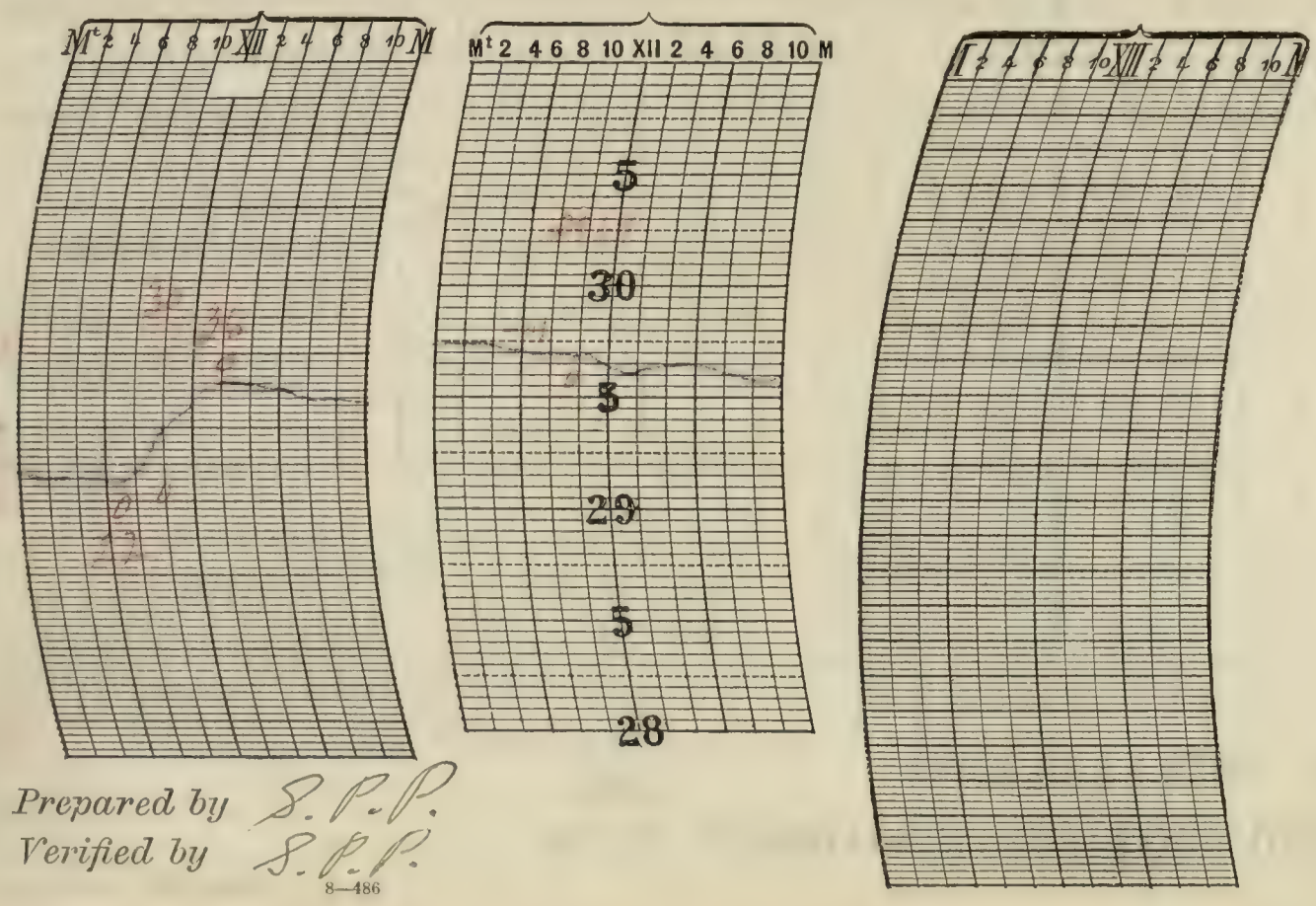
Maximum velocity,	Direction,	Time.
13	SW	12:25 pm
Extreme 13	SW	12:25 pm

Relative humidity, 86 a. m. p. m.

Reduced barometer, [illegible] a. m. p. m.

River gage, [illegible]

NOTES.



Prepared by S. P. P.
Verified by S. P. P.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Saturday, (Date) DEC 20 1913, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	33	33	32	32	32	32	32	32	32	32	32	34
State of weather: Nature of precipitation and time of beginning and ending	S*	B	B	H	a				S* 9:05 R+S 9:03		RS* 10:31 RB 10:31	
Amounts of precipitation					.11			*				.23
Cloudiness and other conditions											Cloudy	
Sunrise: Time, 7:21 Character, Cloudy												
Sunshine (in tenths of hours)								0	0	0	0	0
Wind direction	S	SE	SE	E	E	E	E	E	E	E	E	E
Wind movement	2	2	4	5	4	6	5	6	5	5	6	6
Maximum velocities (exceeding 25 miles)												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	34	34	34	34	33	33	33	33	33	33	32	32
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation							*	*	.03			
Cloudiness and other conditions												
Sunset: Time, 4:37 Character, Cloudy												
Sunshine (in tenths of hours)	0	0	0	0	0							
Wind direction	E	NE	E	NE	NE	NE	NE	NE	E	E	E	E
Wind movement	6	5	7	6	6	6	7	5	4	5	6	4
Maximum velocities (exceeding 25 miles)												

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

	Maximum.	Minimum.	Mean.	Normal.
	34	32	33	24

Total depth of snow for 24 hours ending 7 p. m., 1.7 inches

Snow on ground 7 p. m., 1.3 inches.

Total snowfall, midnight to midnight, 1.7 inches.

Precipitation to 7 a. m., .11 ins.; to 7 p. m., .23 ins.

Total precipitation, midnight to midnight, .37 inches.

Character of day, Cloudy (10) Moon phase.

Actual sunshine, hours, 0

Possible sunshine, hours, 9.3

Percentage of possible sunshine, 0

Prevailing direction, East

Total movement, 123

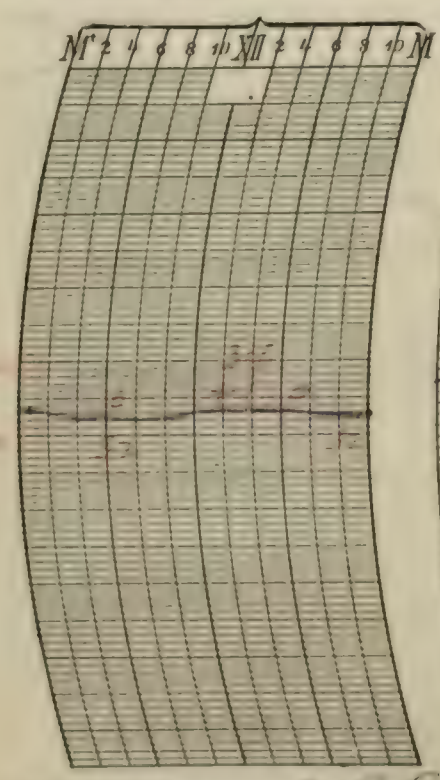
Average hourly velocity, 5.1

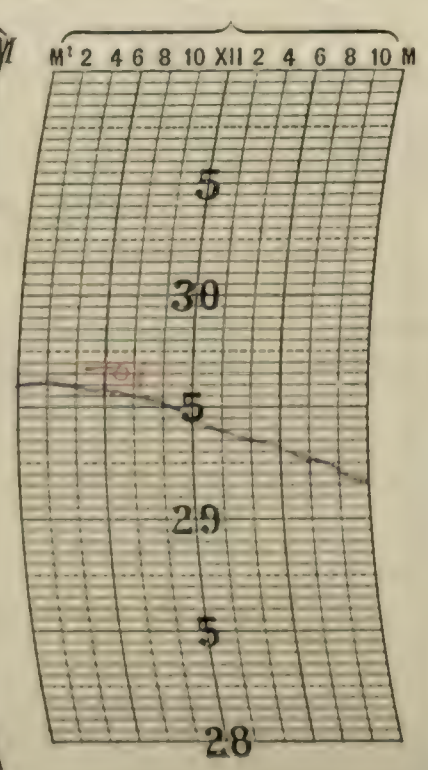
	Maximum velocity.	Direction.	Time.
Extreme vel.,	9	E	10:24 p.m.
	9	E	10:24 p.m.

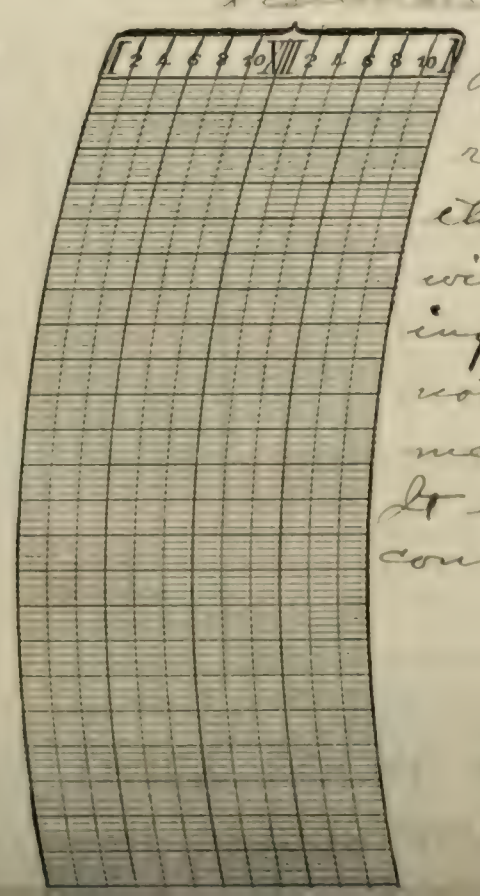
Relative humidity, 95 a. m. ..... p. m.

Reduced barometer, 30.16 a. m. ..... p. m.

River gage, 20.5 Falling







NOTES.

The following telegram dated the 29th was received from Washington D. C. at 8:40 this morning: "Cold Wave; temperature will fall 25° or more by Sunday morning. Moore." The cold wave flag was not hoisted, for the regular forecast message was expected at any minute. It was received at 8:52 am and did not contain a repetition of the warning.

Prepared by

Verified by

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) LA SALLE, ILL., (Day of week) Sunday, (Date) DEC 31 1911, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	34	34	34	34	27	21	16	12	10	8	8	8
State of weather: Nature of precipitation and time of beginning and ending				RE7Ha		5dBDHa				5dΣ 10:50		
Amounts of precipitation				5mBDHa 5dΣ7Ha .03				*				
Cloudiness and other conditions										Cloudy		
Sunrise: Time, Character, 7:21 Cloudy												
Sunshine (in tenths of hours)								0	0	0.1	0.6	0.1
Wind direction	SE	S	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	4	4	9	18	27	26	27	32	28	30	30	21
Maximum velocities (exceeding 20 miles)				3:56 SW 25	4:03 W 31	5:27 SW 31	6:31 SW 36	7:32 SW 40	8:30 SW 31	9:36 W 37	10:26 SW 37	11:38 SW 37

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	9	10	10	11	11	10	9	8	8	8	7	7
State of weather: Nature of precipitation and time of beginning and ending	5dB 12:14				5dΣ 4:20							
Amounts of precipitation		T										
Cloudiness and other conditions												
Sunset: Time, Character, 4:37 Cloudy												
Sunshine (in tenths of hours)	0	0	0	0	0							
Wind direction	SW	SW	SW	W	W	W	W	W	W	W	W	SW
Wind movement	33	32	28	25	21	21	20	19	17	16	18	19
Maximum velocities (exceeding 20 miles)	12:08 SW 29	1:34 SW 39	2:08 SW 31	3:10 W 31	4:06 W 26							

Maximum.	Minimum.	Mean.	Normal.
34	7	20	24

Total depth of snow for 24 hours ending 7 p. m., T inches.

Snow on ground 7 p. m., 1.0 inches.

Total snowfall, midnight to midnight, T inches.

Precipitation to 7 a. m., .06 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, .03* inches.

Character of day, Cloudy (10) Moon phase,

Actual sunshine, hours, 0.8

Possible sunshine, hours, 9.3

Percentage of possible sunshine, 9

Prevailing direction Southwest

Total movement, 535

Average hourly velocity, 22.3

Maximum velocity,	Direction,	Time.
40	SW	7:32 am

Extreme vel., 46 — SW — 7:17

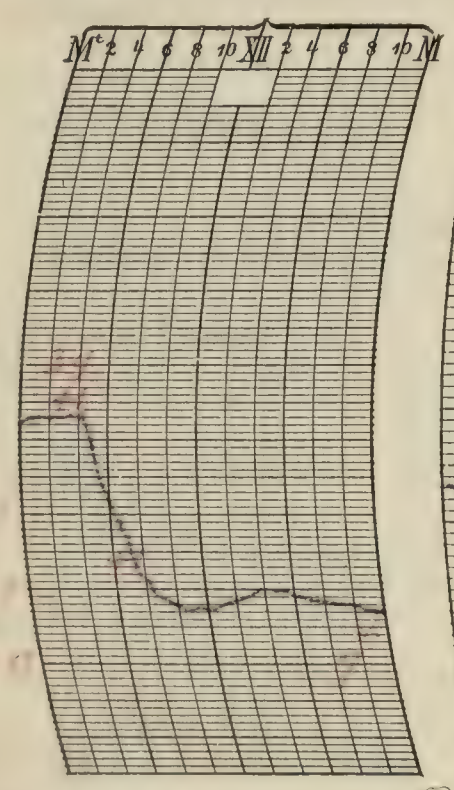
Relative humidity, 83 a. m. ____ p. m.

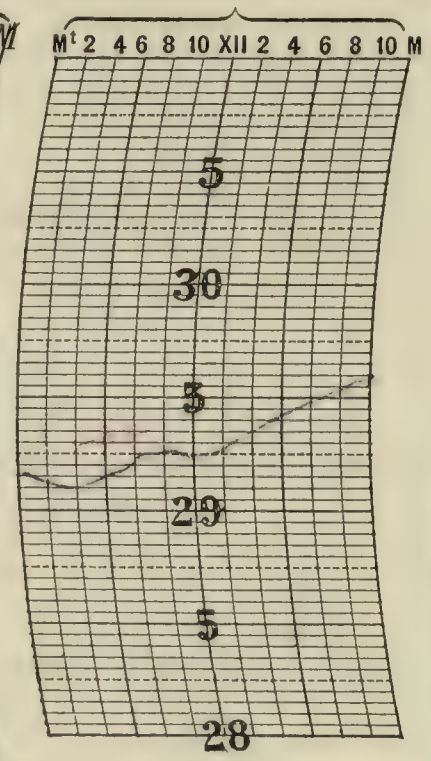
Reduced barometer, 29.74 a. m. ____ p. m.

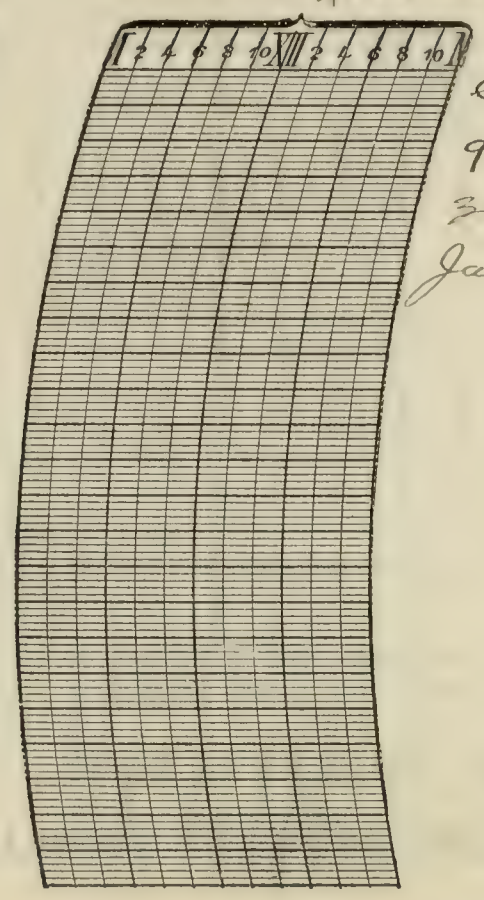
River gage, 2.2 Rising

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

* Estimated







NOTES.

Cold wave occurred this date. The greatest 24 hour fall was 31° from 34° at 4 a.m. today to 3° at 4 am Jan 1st, 1912

Prepared by S. P. L.

Verified by S. P. L.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) ....., *(Day of week)* ....., *(Date)* ....., *191*

Time (local standard), ____ mer.	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour																								
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions																								
	Sunrise: Time, ____ Character, ____																				Sunset: Time, ____ Character, ____			
Sunshine (in tenths of hours)																								
Wind direction																								
Wind movement																								
Maximum velocities (exceeding ____ miles)																								

	Total duration.		Total amount of precipitation.	Excessive rate.		Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below.												
	From—	To—		Began—	Ended—		5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

____ hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.

Total depth of snow for 24 hours ending ____ p. m., ____ inches.

Snow on ground ____ p. m., ____ inches.

Total snowfall, midnight to midnight, ____ inches.

Precipitation to ____ a. m., ____ inches; to ____ p. m., ____ inches.

Total precipitation, midnight to midnight, ____ inches.

Character of day, ____ Moon's phase, ____

Actual sunshine, hours, ____

Possible sunshine, hours, ____

Percentage of possible sunshine, ____

Prevailing direction ____

Total movement, ____

Average hourly velocity, ____

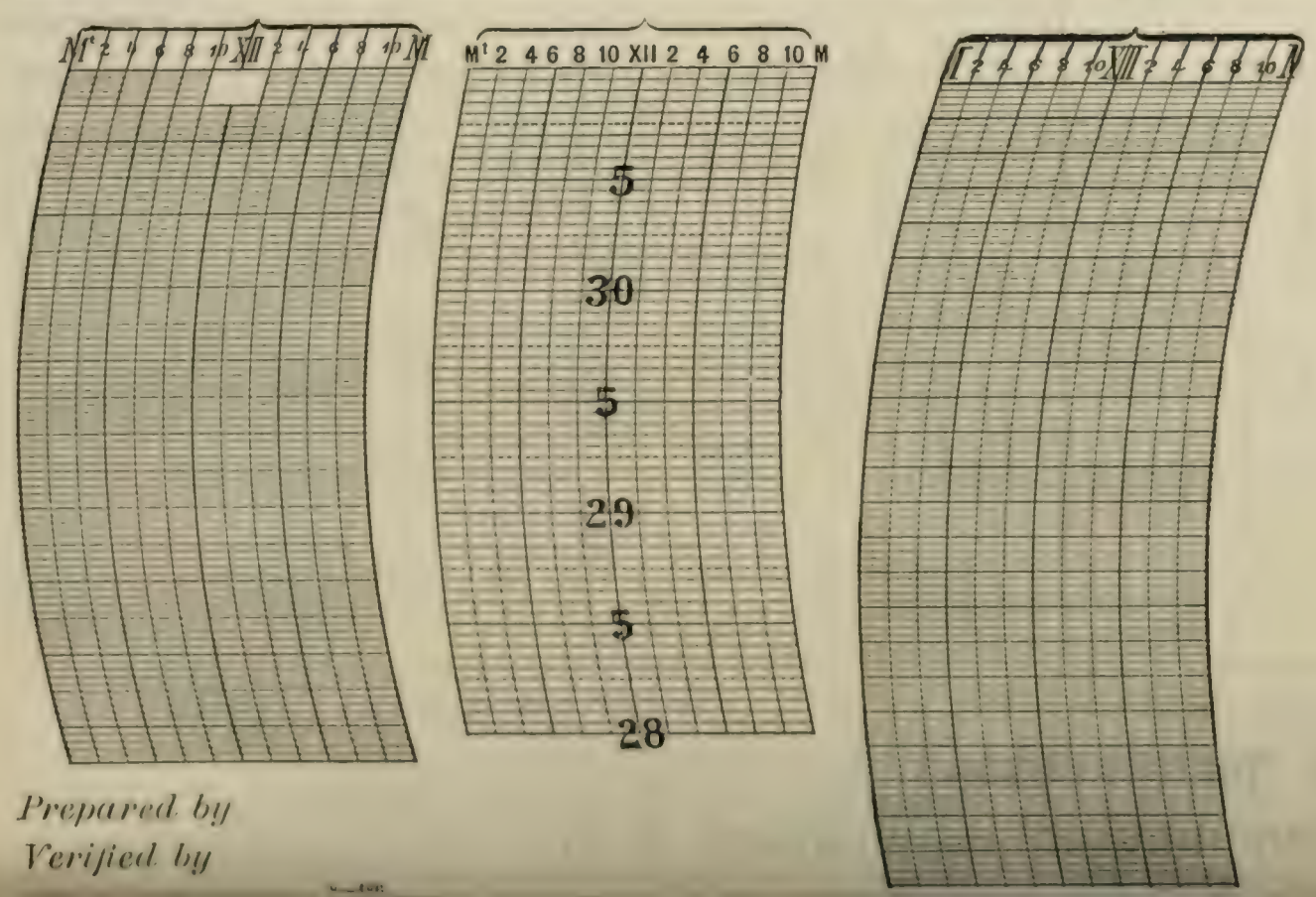
Maximum velocity,	Direction,	Time.

Relative humidity, ____ a. m. ____ p. m.

Reduced barometer, ____ a. m. ____ p. m.

River gage, ____

NOTES.



Prepared by

Verified by

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) _____, *(Day of week)* _____, *(Date)* _____, *191*

Time (local standard), ____ mer.	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour																								
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions																								
	Sunrise: Time, ____ Character, ____																				Sunset: Time, ____ Character, ____			
Sunshine (in tenths of hours)																								
Wind direction																								
Wind movement																								
Maximum velocities (exceeding ____ miles)																								

Total duration.		Total amount of precipitation.	Excessive rate.		Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below.												
From—	To—		Began—	Ended—		5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

____ hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.

Total depth of snow for 24 hours ending ____ p. m., ____ inches.

Snow on ground ____ p. m., ____ inches.

Total snowfall, midnight to midnight, ____ inches.

Precipitation to ____ a. m., ____ ins.; to ____ p. m., ____ ins.

Total precipitation, midnight to midnight, ____ inches.

Character of day, ____ Moon phase, ____

Actual sunshine, hours, ____

Possible sunshine, hours, ____

Percentage of possible sunshine, ____

Prevailing direction ____

Total movement, ____

Average hourly velocity, ____

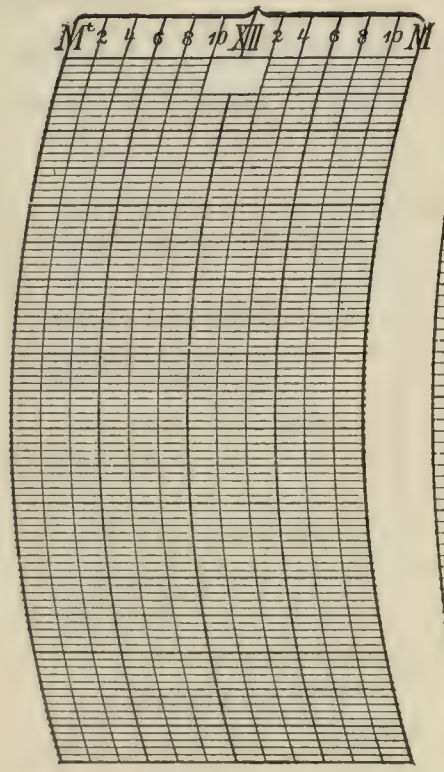
Maximum velocity,	Direction,	Time.

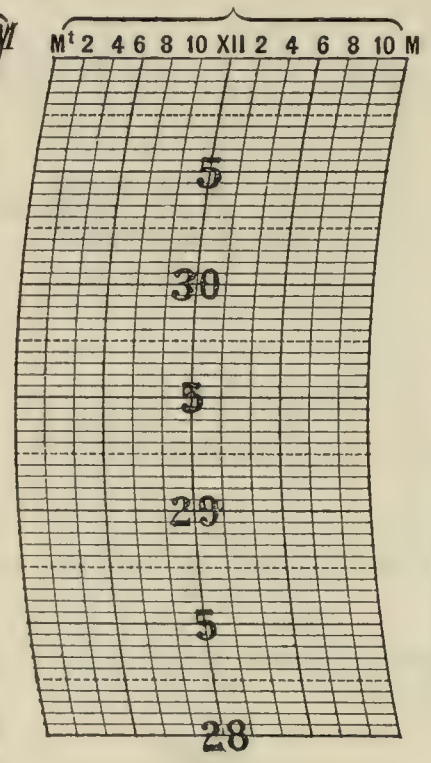
Relative humidity, ____ a. m. ____ p. m.

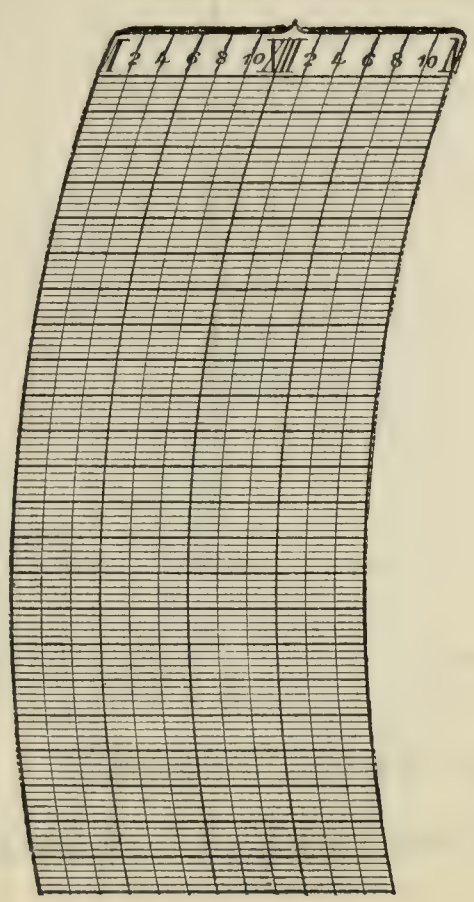
Reduced barometer, ____ a. m. ____ p. m.

River gage, ____

NOTES.







Prepared by

Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) _____, *(Day of week)* _____, *(Date)* _____, *191*

Time (local standard), ____mer.	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour																								
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions																								
	Sunrise: Time, ____ Character, ____																				Sunset: Time, ____ Character, ____			
Sunshine (in tenths of hours)																								
Wind direction																								
Wind movement																								
Maximum velocities (exceeding ____ miles)																								

Excessive precipitation, accumulated amounts	Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

____ hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.

Total depth of snow for 24 hours ending ____ p. m., ____ inches.

Snow on ground ____ p. m., ____ inches.

Total snowfall, midnight to midnight, ____ inches.

Precipitation to ____ a. m. ____ hrs.; to ____ p. m., ____ hrs.

Total precipitation, midnight to midnight, ____ inches.

Character of day, ____ Moon phase, ____

Actual sunshine, hours, ____

Possible sunshine, hours, ____

Percentage of possible sunshine, ____

Prevailing direction ____

Total movement, ____

Average hourly velocity, ____

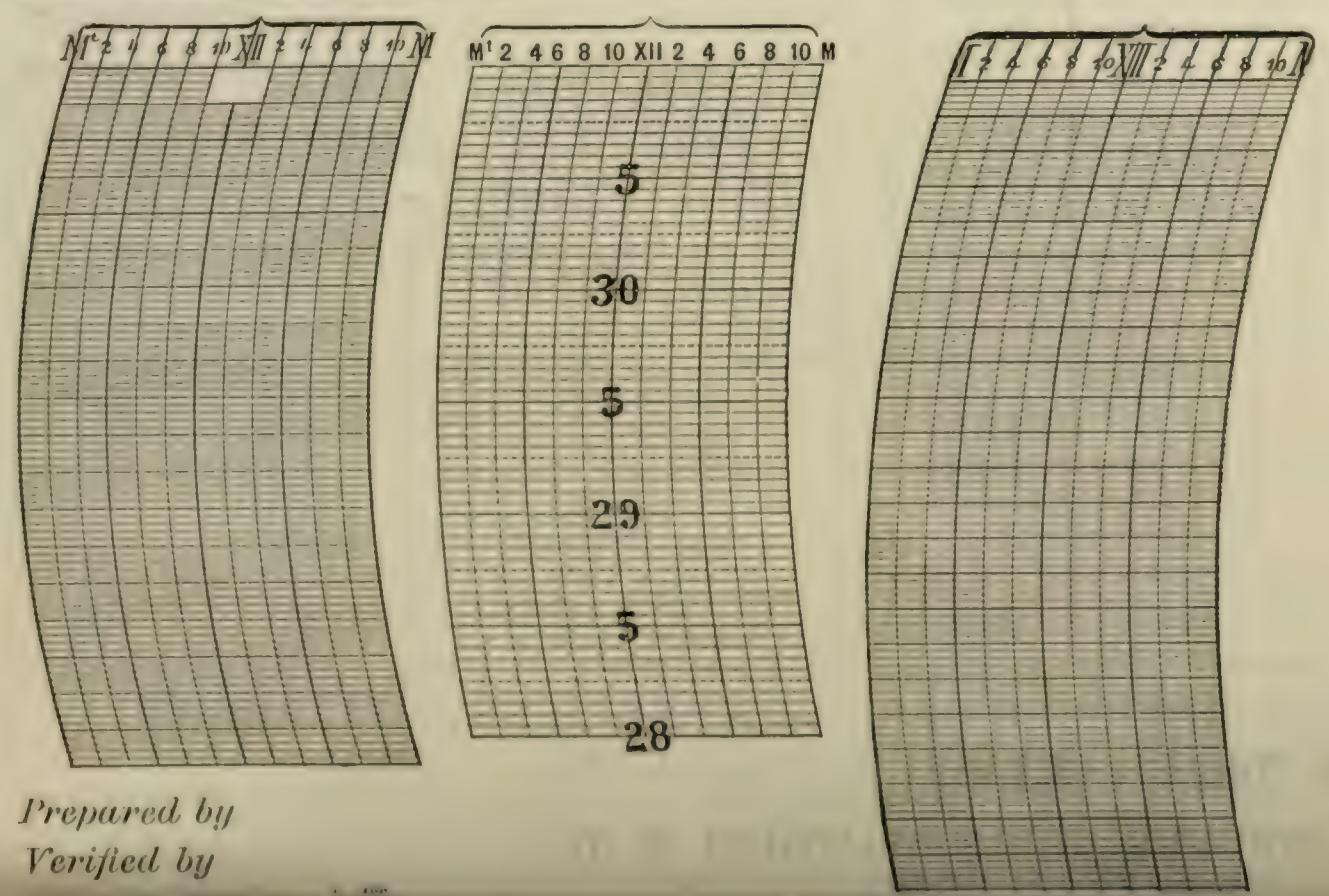
Maximum velocity,	Direction,	Time.

Relative humidity, ____ a. m. ____ p. m.

Reduced barometer, ____ a. m. ____ p. m.

River gage, ____

NOTES.



Prepared by

Verified by

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) _____, *(Day of week)* _____, *(Date)* _____, *191*

Time (local standard), ____ mer.	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour																								
State of weather: Nature of precipitation and time of beginning and ending																								
State of weather: Amounts of precipitation																								
State of weather: Cloudiness and other conditions																								
	Sunrise: Time, ____ Character, ____																				Sunset: Time, ____ Character, ____			
Sunshine (in tenths of hours)																								
Wind direction																								
Wind movement																								
Maximum velocities (exceeding ____ miles)																								

Total duration.		Total amount of precipitation.	Excessive rate.		Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below.													
From—	To—		Began—	Ended—		5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

____ hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.

Total depth of snow for 24 hours ending _____ p. m., _____ inches.

Snow on ground _____ p. m., _____ inches.

Total snowfall, midnight to midnight, _____ inches.

Precipitation to _____ a. m., _____ ins.; to _____ p. m., _____ ins.

Total precipitation, midnight to midnight, _____ inches.

Character of day, _____ Moon phase, _____

Actual sunshine, hours, _____

Possible sunshine, hours, _____

Percentage of possible sunshine, _____

Prevailing direction _____

Total movement, _____

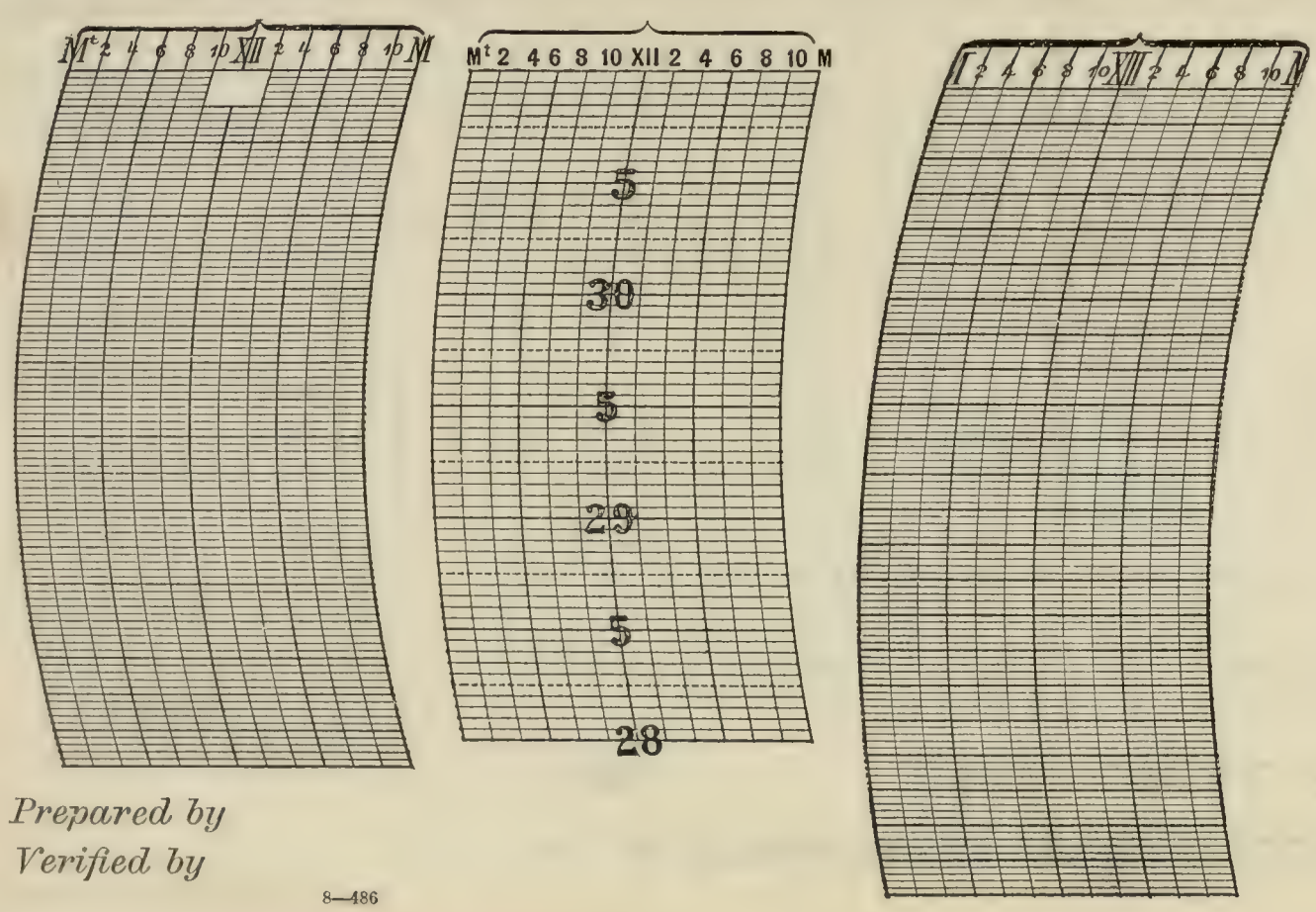
Average hourly velocity, _____

Maximum velocity,	Direction,	Time.

Relative humidity, _____ a. m. _____ p. m.

Reduced barometer, _____ a. m. _____ p. m.

River gage, _____



NOTES.

Prepared by

Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) _____, *(Day of week)* _____, *(Date)* _____, *191*

Time (local standard), ____mer.	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour																								
State of weather: Nature of precipitation and time of beginning and ending																								
State of weather: Amounts of precipitation																								
State of weather: Cloudiness and other conditions																								
	Sunrise: Time, ____ Character, ____																				Sunset: Time, ____ Character, ____			
Sunshine (in tenths of hours)																								
Wind direction																								
Wind movement																								
Maximum velocities (exceeding ____ miles)																								

	Total duration.		Total amount of precipitation.	Excessive rate.		Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below.												
	From—	To—		Began—	Ended—		5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

____ hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.

Total depth of snow for 24 hours ending _____ p. m., _____ inches

Snow on ground _____ p. m., _____ inches.

Total snowfall, midnight to midnight, _____ inches.

Precipitation to _____ a. m., _____ ins.; to _____ p. m., _____ ins.

Total precipitation, midnight to midnight, _____ inches.

Character of day, _____ Moon phase, _____

Actual sunshine, hours, _____

Possible sunshine, hours, _____

Percentage of possible sunshine, _____

Prevailing direction _____

Total movement, _____

Average hourly velocity, _____

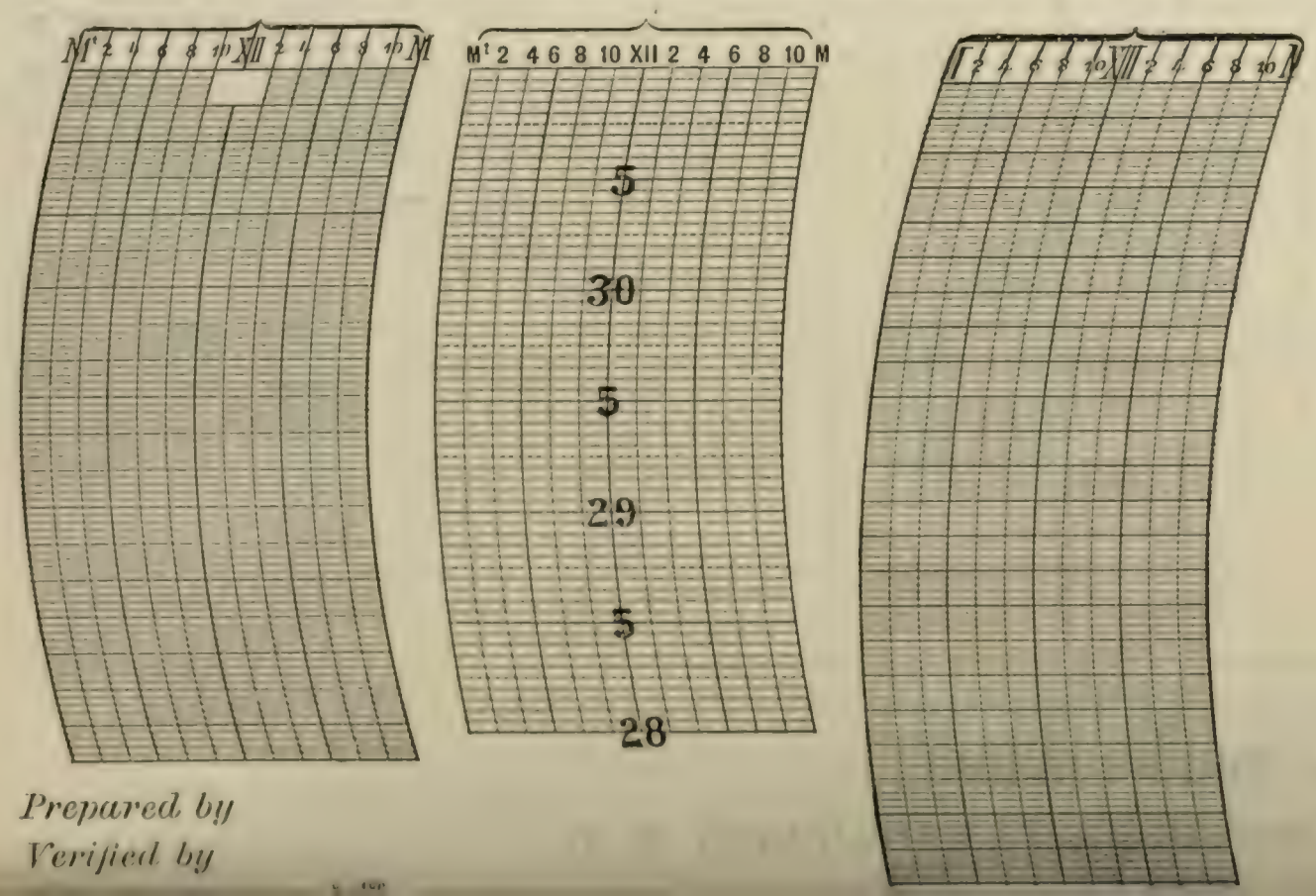
Maximum velocity,	Direction,	Time

Relative humidity, _____ a. m., _____ p. m.

Reduced barometer, _____ a. m., _____ p. m.

River gage, _____

NOTES.



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U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) _____, *(Day of week)* _____, *(Date)* _____, *191*

Time (local standard), _____ mer.	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour																								
State of weather. Nature of precipitation and time of beginning and ending																								
State of weather. Amounts of precipitation																								
State of weather. Cloudiness and other conditions																								
	Sunrise: Time, _____ Character, _____																				Sunset: Time, _____ Character, _____			
Sunshine (in tenths of hours)																								
Wind direction																								
Wind movement																								
Maximum velocities (exceeding _____ miles)																								

Excessive precipitation, accumulated amounts	Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

_____ hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.

Total depth of snow for 24 hours ending _____ p. m., _____ inches.

Snow on ground _____ p. m., _____ inches.

Total snowfall, midnight to midnight, _____ inches.

Precipitation to _____ a. m., _____ ins.; to _____ p. m., _____ ins.

Total precipitation, midnight to midnight, _____ inches.

Character of day, _____ Moon phase, _____

Actual sunshine, hours, _____

Possible sunshine, hours, _____

Percentage of possible sunshine, _____

Prevailing direction _____

Total movement, _____

Average hourly velocity, _____

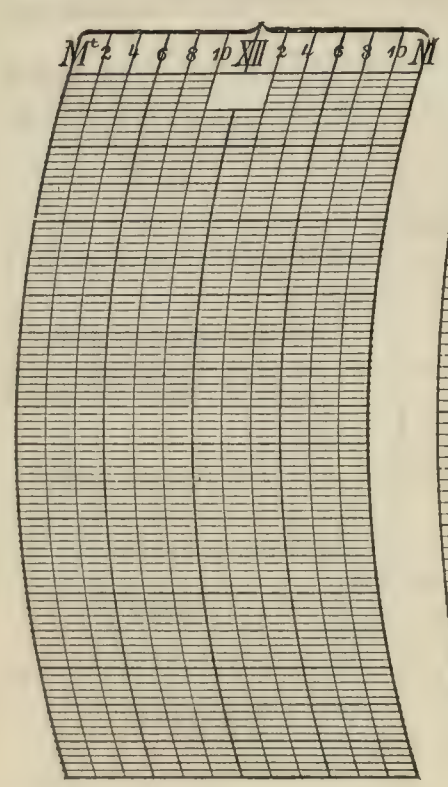
Maximum velocity,	Direction,	Time.
_____	_____	_____

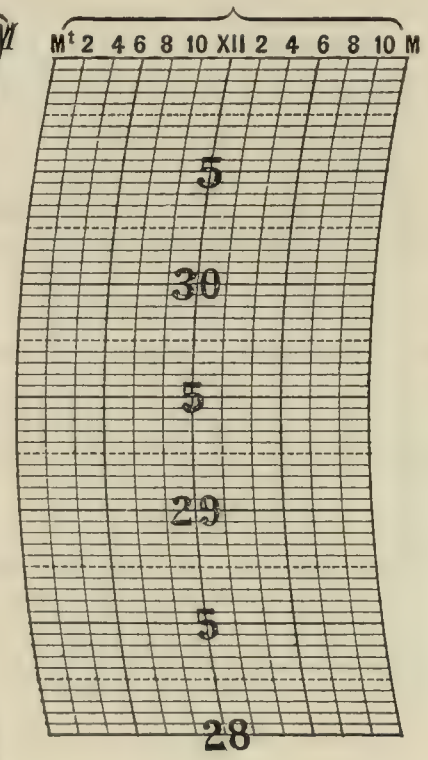
Relative humidity, _____ a. m. _____ p. m.

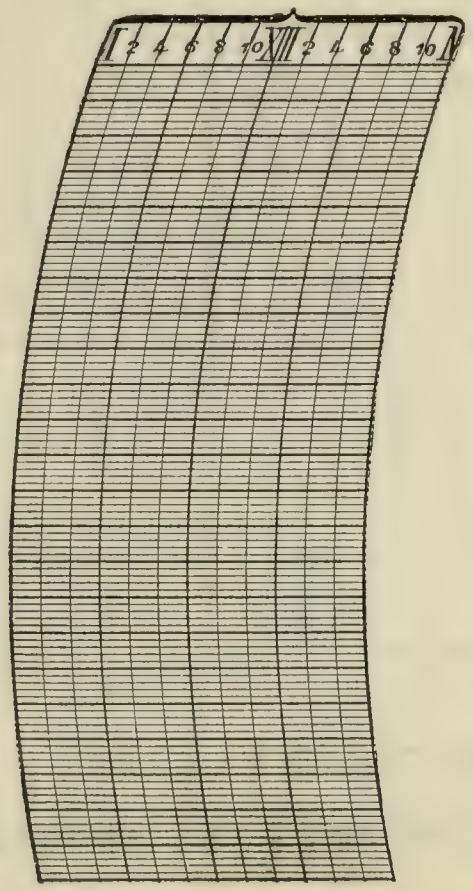
Reduced barometer, _____ a. m. _____ p. m.

River gage, _____

NOTES.







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8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) _____, *(Day of week)* _____, *(Date)* _____, *191*

Time (local standard), ____ mer.	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour																								
State of weather: Nature of precipitation and time of beginning and ending																								
State of weather: Amounts of precipitation																								
State of weather: Cloudiness and other conditions																								
	Sunrise: Time, ____ Character, ____																				Sunset: Time, ____ Character, ____			
Sunshine (in tenths of hours)																								
Wind direction																								
Wind movement																								
Maximum velocities (exceeding ____ miles)																								

	Total duration.		Total amount of precipitation.	Excessive rate.		Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below.												
	From—	To—		Began—	Ended—		5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

_____ hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.

Total depth of snow for 24 hours ending _____ p. m., _____ inches.

Snow on ground _____ p. m., _____ inches.

Total snowfall, midnight to midnight, _____ inches.

Precipitation to _____ a. m., _____ hrs.; to _____ p. m., _____ hrs.

Total precipitation, midnight to midnight, _____ inches.

Character of day, _____ Moon phase, _____

Actual sunshine, hours, _____

Possible sunshine, hours, _____

Percentage of possible sunshine, _____

Prevailing direction, _____

Total movement, _____

Average hourly velocity, _____

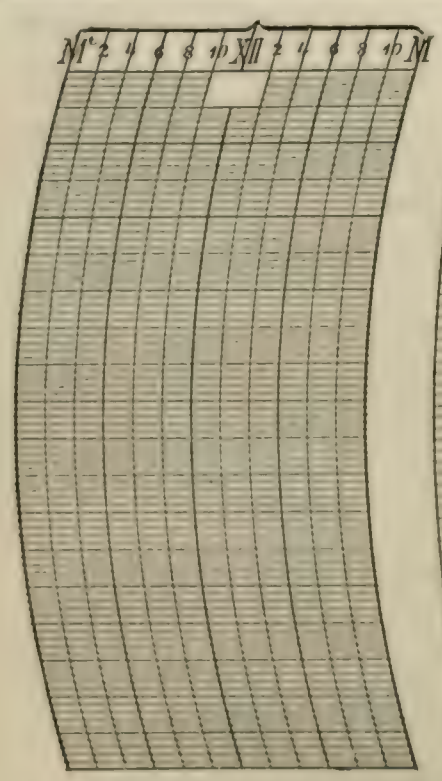
Maximum velocity,	Direction,	Time.

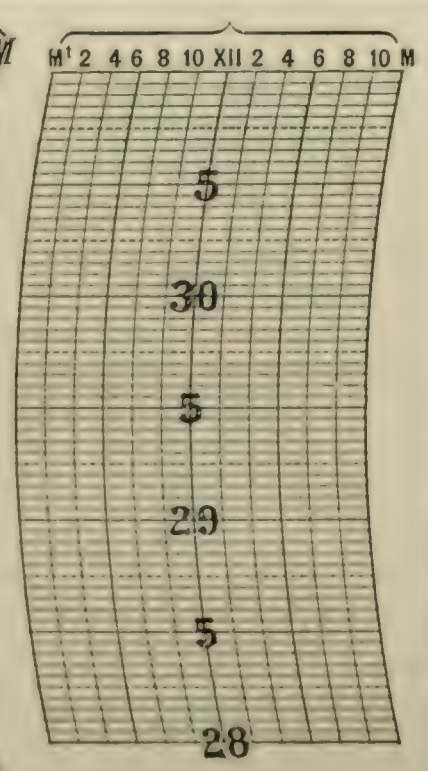
Relative humidity, _____ a. m. _____ p. m.

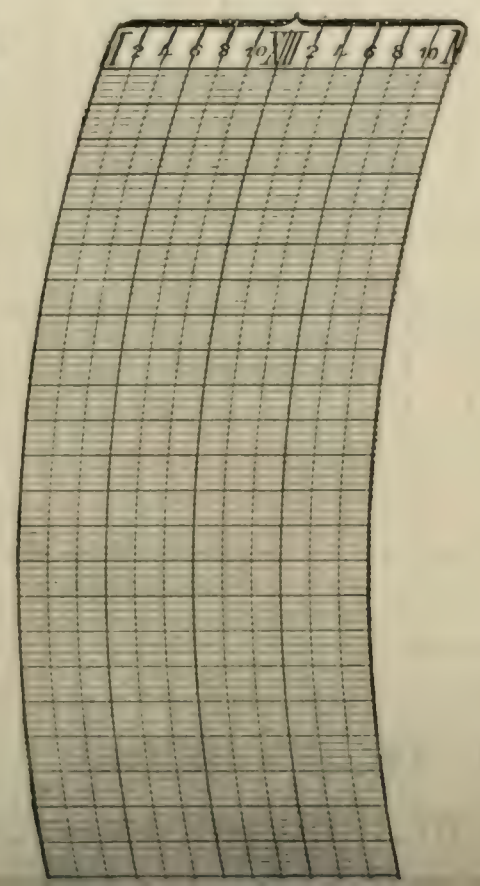
Reduced barometer, _____ a. m. _____ p. m.

River gage, _____

NOTES.







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U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) _____, *(Day of week)* _____, *(Date)* _____, *191*

Time (local standard), ____ mer.	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour																								
State of weather: Nature of precipitation and time of beginning and ending																								
State of weather: Amounts of precipitation																								
State of weather: Cloudiness and other conditions																								
	Sunrise: Time, ____ Character, ____																				Sunset: Time, ____ Character, ____			
Sunshine (in tenths of hours)																								
Wind direction																								
Wind movement																								
Maximum velocities (exceeding ____ miles)																								

Total duration.		Total amount of precipitation.	Excessive rate.		Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below.													
From—	To—		Began—	Ended—		5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

____ hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.

Total depth of snow for 24 hours ending ____ p. m., ____ inches.

Snow on ground ____ p. m., ____ inches.

Total snowfall, midnight to midnight, ____ inches.

Precipitation to ____ a. m., ____ ins.; to ____ p. m., ____ ins.

Total precipitation, midnight to midnight, ____ inches.

Character of day, ____ Moon phase, ____

Actual sunshine, hours, ____

Possible sunshine, hours, ____

Percentage of possible sunshine, ____

Prevailing direction ____

Total movement, ____

Average hourly velocity, ____

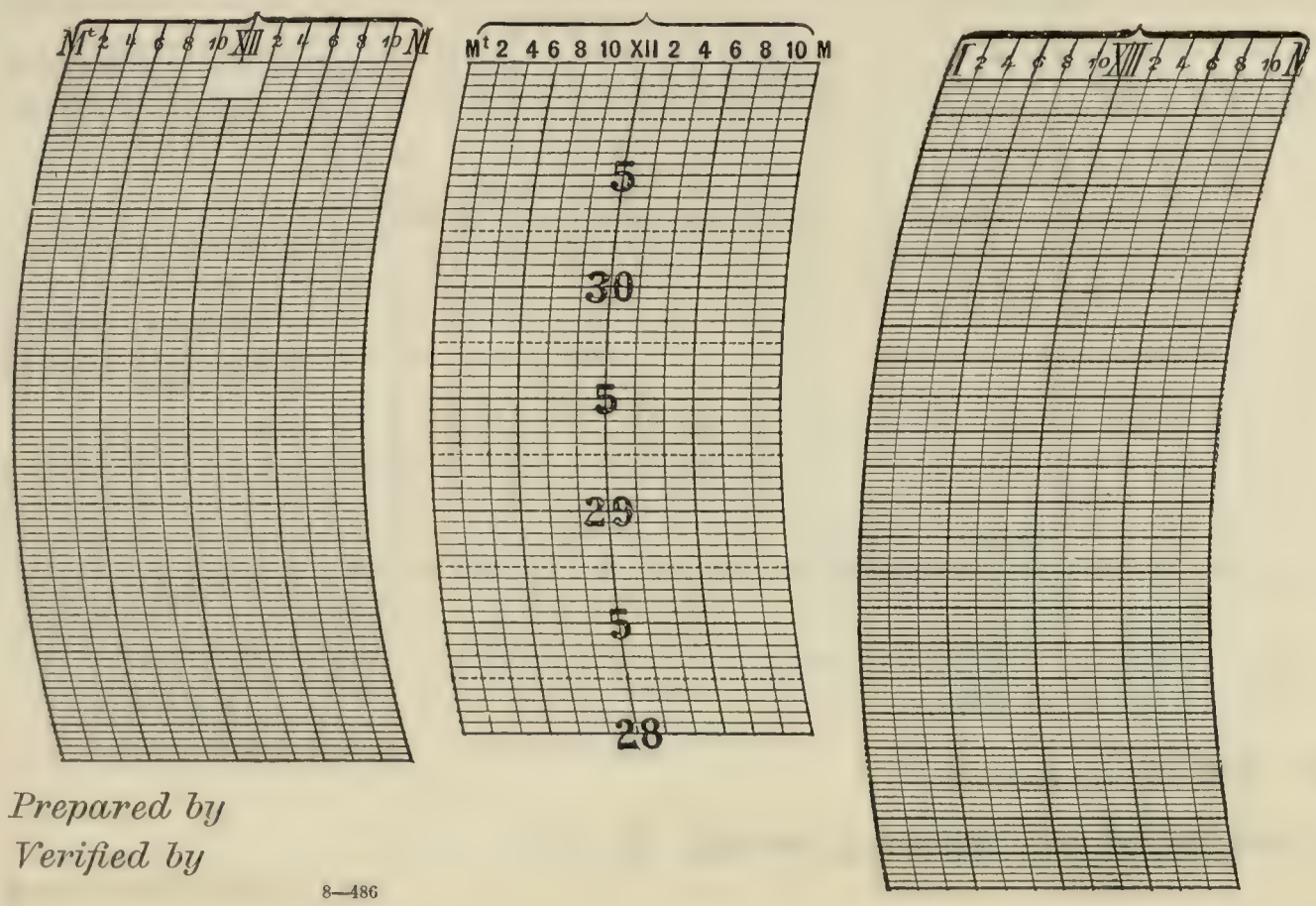
Maximum velocity,	Direction,	Time.
____	____	____

Relative humidity, ____ a. m. ____ p. m.

Reduced barometer, ____ a. m. ____ p. m.

River gage, ____

NOTES.



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Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) _____, *(Day of week)* _____, *(Date)* _____, *191*

Time (local standard), ____ mer.	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour																								
State of weather: Nature of precipitation and time of beginning and ending																								
State of weather: Amounts of precipitation																								
State of weather: Cloudiness and other conditions																								
	Sunrise: Time, ____ Character, ____																				Sunset: Time, ____ Character, ____			
Sunshine (in tenths of hours)																								
Wind direction																								
Wind movement																								
Maximum velocities (exceeding ____ miles)																								

	Total duration.		Total amount of precipitation.	Excessive rate.		Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below.												
	From—	To—		Began—	Ended—		5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

____ hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.

Total depth of snow for 24 hours ending ____ p. m., ____ inches.

Snow on ground ____ p. m., ____ inches.

Total snowfall, midnight to midnight, ____ inches.

Precipitation to ____ a. m., ____ ins.; to ____ p. m., ____ ins.

Total precipitation, midnight to midnight, ____ inches.

Character of day, ____ Moon phase, ____

Actual sunshine, hours, ____

Possible sunshine, hours, ____

Percentage of possible sunshine, ____

Prevailing direction ____

Total movement, ____

Average hourly velocity, ____

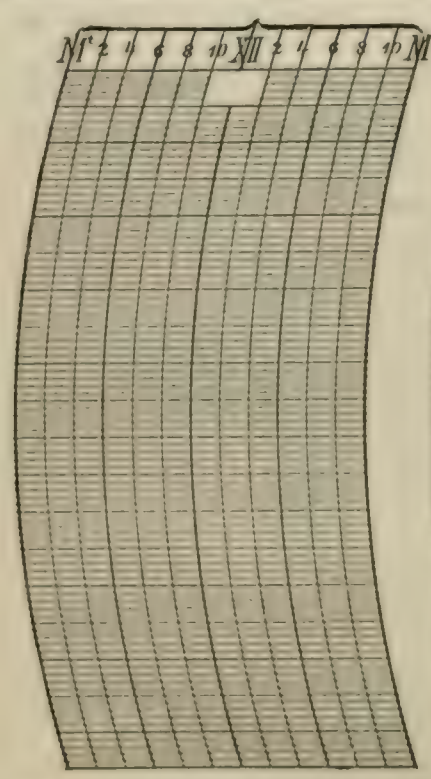
Maximum velocity,	Direction,	Time.
____	____	____

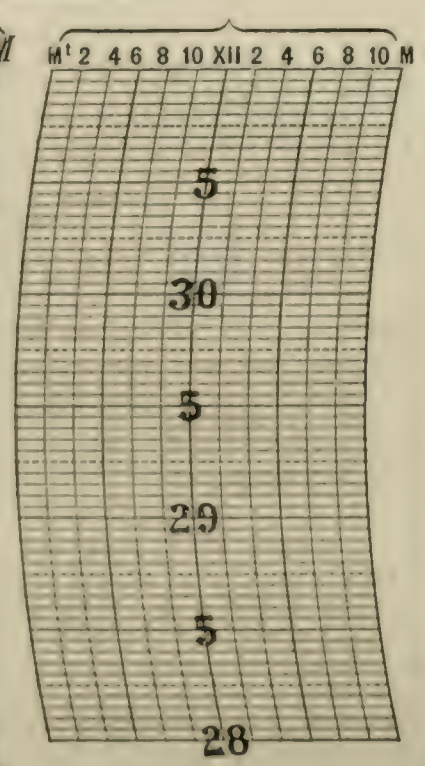
Relative humidity, ____ a. m. ____ p. m.

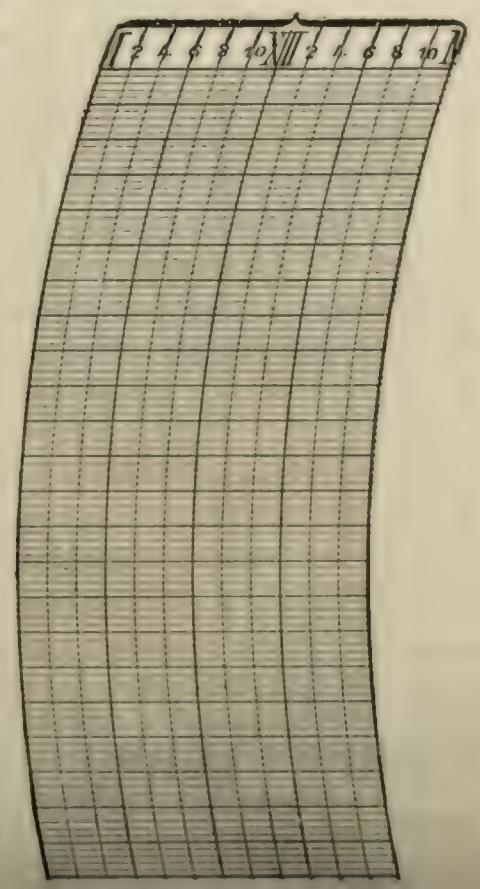
Reduced barometer, ____ a. m. ____ p. m.

River gage, ____

NOTES.







Prepared by

Verified by

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) _____, *(Day of week)* _____, *(Date)* _____, *191*

Time (local standard), ____ mer.	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour																								
State of weather: Nature of precipitation and time of beginning and ending																								
State of weather: Amounts of precipitation																								
State of weather: Cloudiness and other conditions																								
	Sunrise: Time, ____ Character, ____																				Sunset: Time, ____ Character, ____			
Sunshine (in tenths of hours)																								
Wind direction																								
Wind movement																								
Maximum velocities (exceeding ____ miles)																								

Total duration.		Total amount of precipitation.	Excessive rate.		Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below.													
From—	To—		Began—	Ended—		5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

____ hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.

Total depth of snow for 24 hours ending ____ p. m., ____ inches.

Snow on ground ____ p. m., ____ inches.

Total snowfall, midnight to midnight, ____ inches.

Precipitation to ____ a. m., ____ ins.; to ____ p. m., ____ ins.

Total precipitation, midnight to midnight, ____ inches.

Character of day, ____ Moon phase, ____

Actual sunshine, hours, ____

Possible sunshine, hours, ____

Percentage of possible sunshine, ____

Prevailing direction ____

Total movement, ____

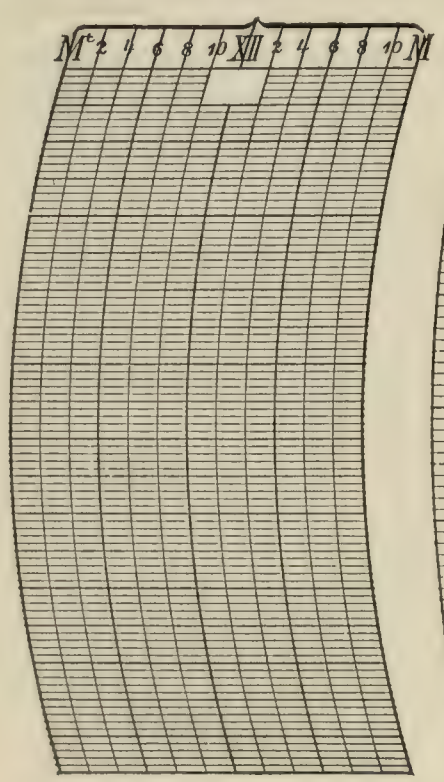
Average hourly velocity, ____

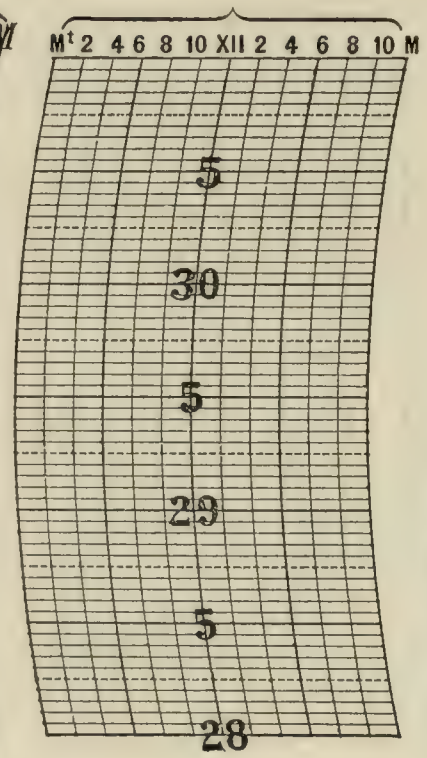
Maximum velocity,	Direction,	Time.

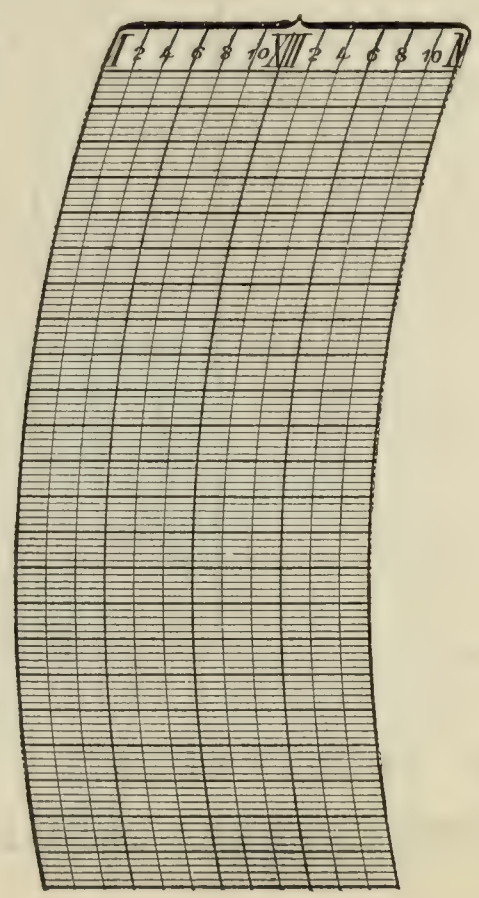
Relative humidity, ____ a. m. ____ p. m.

Reduced barometer, ____ a. m. ____ p. m.

River gage, ____







NOTES.

Prepared by

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8—486

Form No. 1011—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) ....., *(Day of week)* ....., *(Date)* ....., *191*

Time (local standard), ... mer.

	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour																								
State of weather: Nature of precipitation and time of beginning and ending																								
State of weather: Amounts of precipitation																								
State of weather: Cloudiness and other conditions																								
	Sunrise: Time, ... Character, ...																				Sunset: Time, ... Character, ...			
Sunshine (in tenths of hours)																								
Wind direction																								
Wind movement																								
Maximum velocities (exceeding ..... miles)																								

	Total duration.		Total amount of precipitation.	Excessive rate.		Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below.												
	From—	To—		Began—	Ended—		5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

..... hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.

Total depth of snow for 24 hours ending ..... p. m., ... inches.

Snow on ground ..... p. m., ... inches.

Total snowfall, midnight to midnight, ... inches.

Precipitation to ..... a. m., ... ins.; to ..... p. m., ... ins.

Total precipitation, midnight to midnight, ... inches.

Character of day, ... Moon phase, ...

Actual sunshine, hours, ...

Possible sunshine, hours, ...

Percentage of possible sunshine, ...

Prevailing direction, ...

Total movement, ...

Average hourly velocity, ...

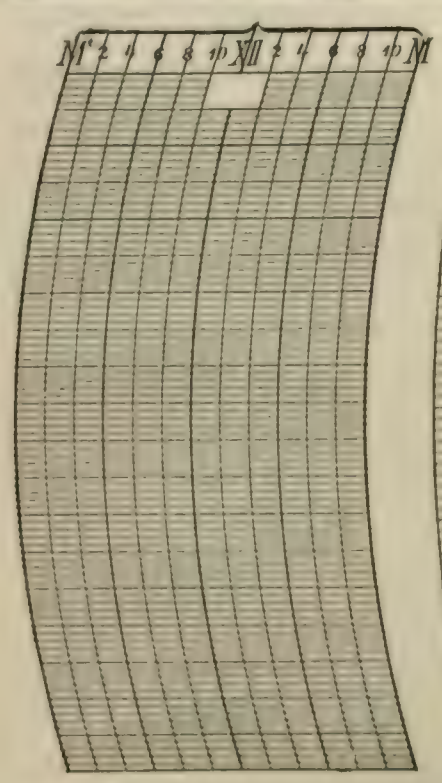
Maximum velocity,	Direction,	Time.

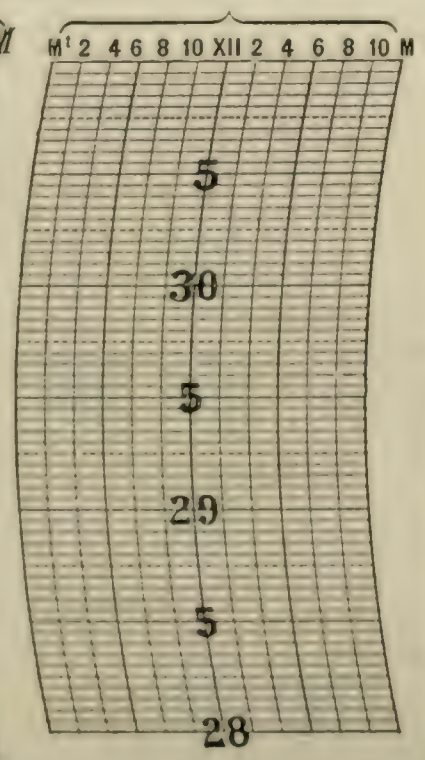
Relative humidity, ... a. m. ..... p. m.

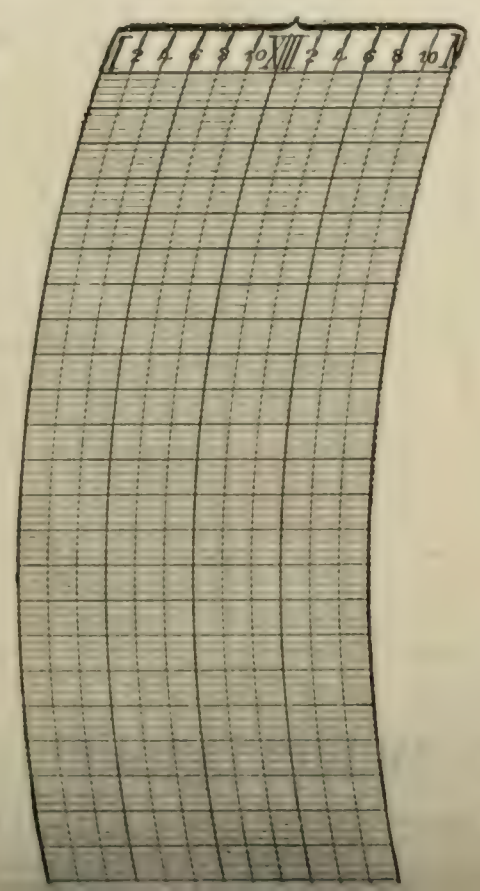
Reduced barometer, ... a. m. ..... p. m.

River gage, ...

NOTES.







Prepared by

Verified by

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) _____, *(Day of week)* _____, *(Date)* _____, *191*

Time (local standard), _____ mer.	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour																								
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions																								
	Sunrise: Time, _____ Character, _____																				Sunset: Time, _____ Character, _____			
Sunshine (in tenths of hours)																								
Wind direction																								
Wind movement																								
Maximum velocities (exceeding _____ miles)																								

Total duration.		Total amount of precipitation.	Excessive rate.		Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below.													
From—	To—		Began—	Ended—		5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

_____ hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.

Total depth of snow for 24 hours ending _____ p. m., _____ inches.

Snow on ground _____ p. m., _____ inches.

Total snowfall, midnight to midnight, _____ inches.

Precipitation to _____ a. m., _____ ins.; to _____ p. m., _____ ins.

Total precipitation, midnight to midnight, _____ inches.

Character of day, _____ Moon phase, _____

Actual sunshine, hours, _____

Possible sunshine, hours, _____

Percentage of possible sunshine, _____

Prevailing direction _____

Total movement, _____

Average hourly velocity, _____

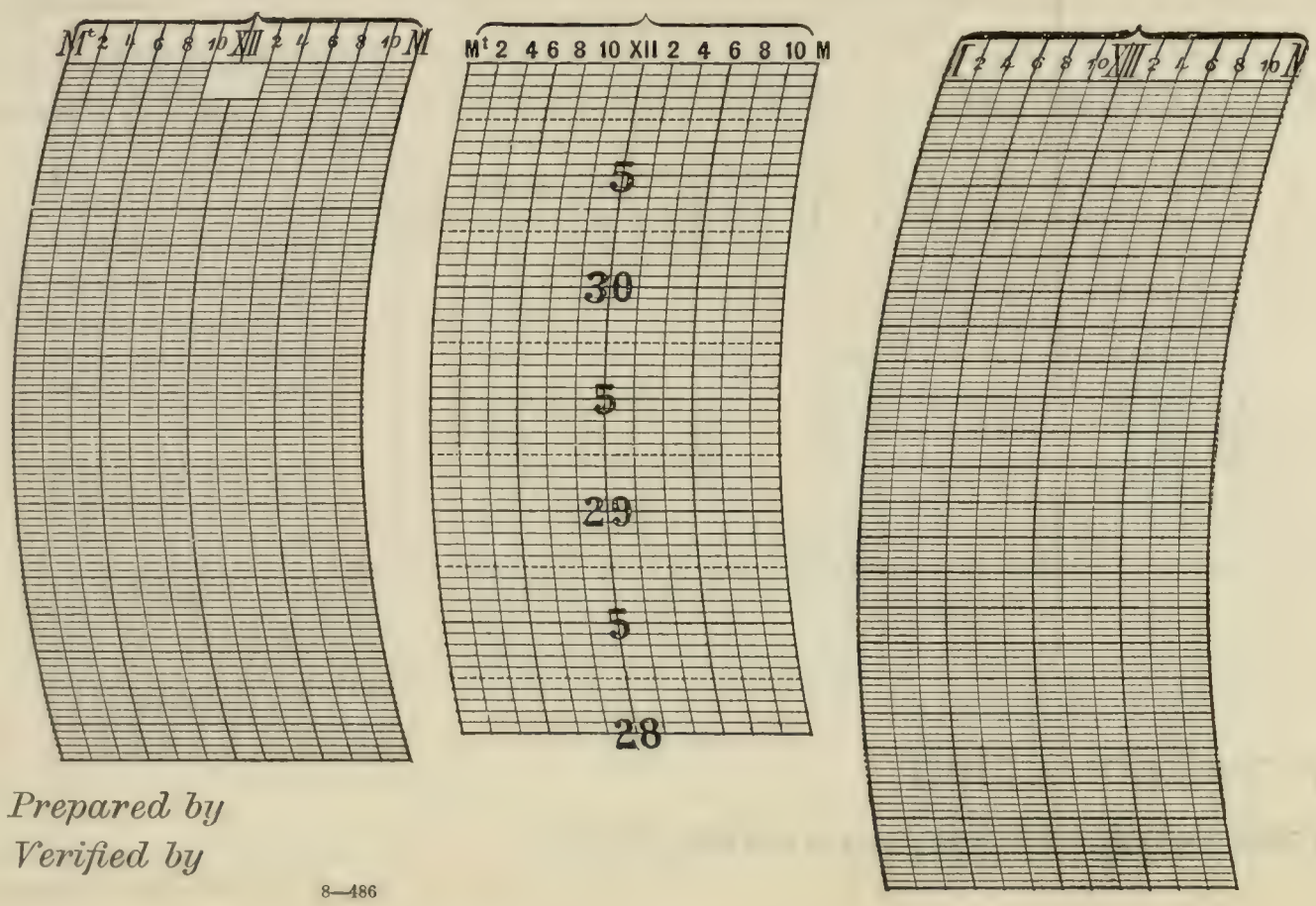
Maximum velocity, _____ Direction, _____ Time. _____

Relative humidity, _____ a. m. _____ p. m.

Reduced barometer, _____ a. m. _____ p. m.

River gage, _____

NOTES.



Prepared by

Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) _____, *(Day of week)* _____, *(Date)* _____, *191*

Time (local standard), ____mer.	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour																								
State of weather. Nature of precipitation and time of beginning and ending																								
State of weather. Amounts of precipitation																								
State of weather. Cloudiness and other conditions																								
	Sunrise: Time, ____ Character, ____																				Sunset: Time, ____ Character, ____			
Sunshine (in tenths of hours)																								
Wind direction																								
Wind movement																								
Maximum velocities (exceeding ____ miles)																								

	Total duration.		Total amount of precipitation.	Excessive rate.		Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below.												
	From—	To—		Began—	Ended—		5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

____ hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.

Total depth of snow for 24 hours ending _____ p. m., _____ inches.

Snow on ground _____ p. m., _____ inches.

Total snowfall, midnight to midnight, _____ inches.

Precipitation to _____ a. m., _____ ins.; to _____ p. m., _____ ins.

Total precipitation, midnight to midnight, _____ inches.

Character of day, _____ Moon phase, _____

Actual sunshine, hours, _____

Possible sunshine, hours, _____

Percentage of possible sunshine, _____

Prevailing direction, _____

Total movement, _____

Average hourly velocity, _____

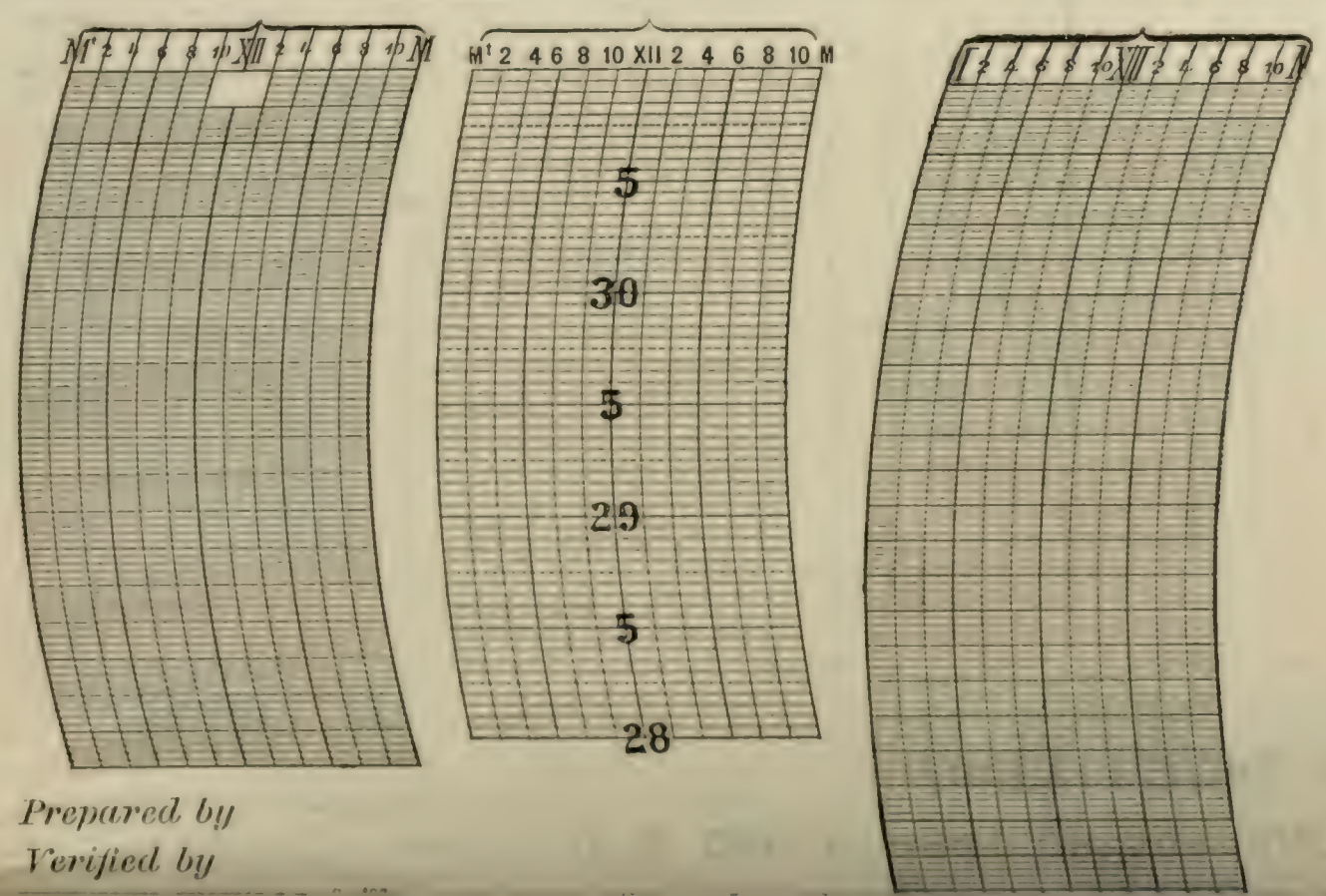
Maximum velocity,	Direction.	Time.

Relative humidity, _____ a. m. _____ p. m.

Reduced barometer, _____ a. m. _____ p. m.

River gage, _____

NOTES.



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U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) _____, *(Day of week)* _____, *(Date)* _____, *191*

Time (local standard), ____ mer.	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour																								
State of weather. Nature of precipitation and time of beginning and ending																								
State of weather. Amounts of precipitation																								
State of weather. Cloudiness and other conditions																								
	Sunrise: Time, ____ Character, ____																				Sunset: Time, ____ Character, ____			
Sunshine (in tenths of hours)																								
Wind direction																								
Wind movement																								
Maximum velocities (exceeding ____ miles)																								

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

____ hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.

Total depth of snow for 24 hours ending ____ p. m., ____ inches.

Snow on ground ____ p. m., ____ inches.

Total snowfall, midnight to midnight, ____ inches.

Precipitation to ____ a. m., ____ ins.; to ____ p. m., ____ ins.

Total precipitation, midnight to midnight, ____ inches.

Character of day, ____ Moon phase, ____

Actual sunshine, hours, ____

Possible sunshine, hours, ____

Percentage of possible sunshine, ____

Prevailing direction ____

Total movement, ____

Average hourly velocity, ____

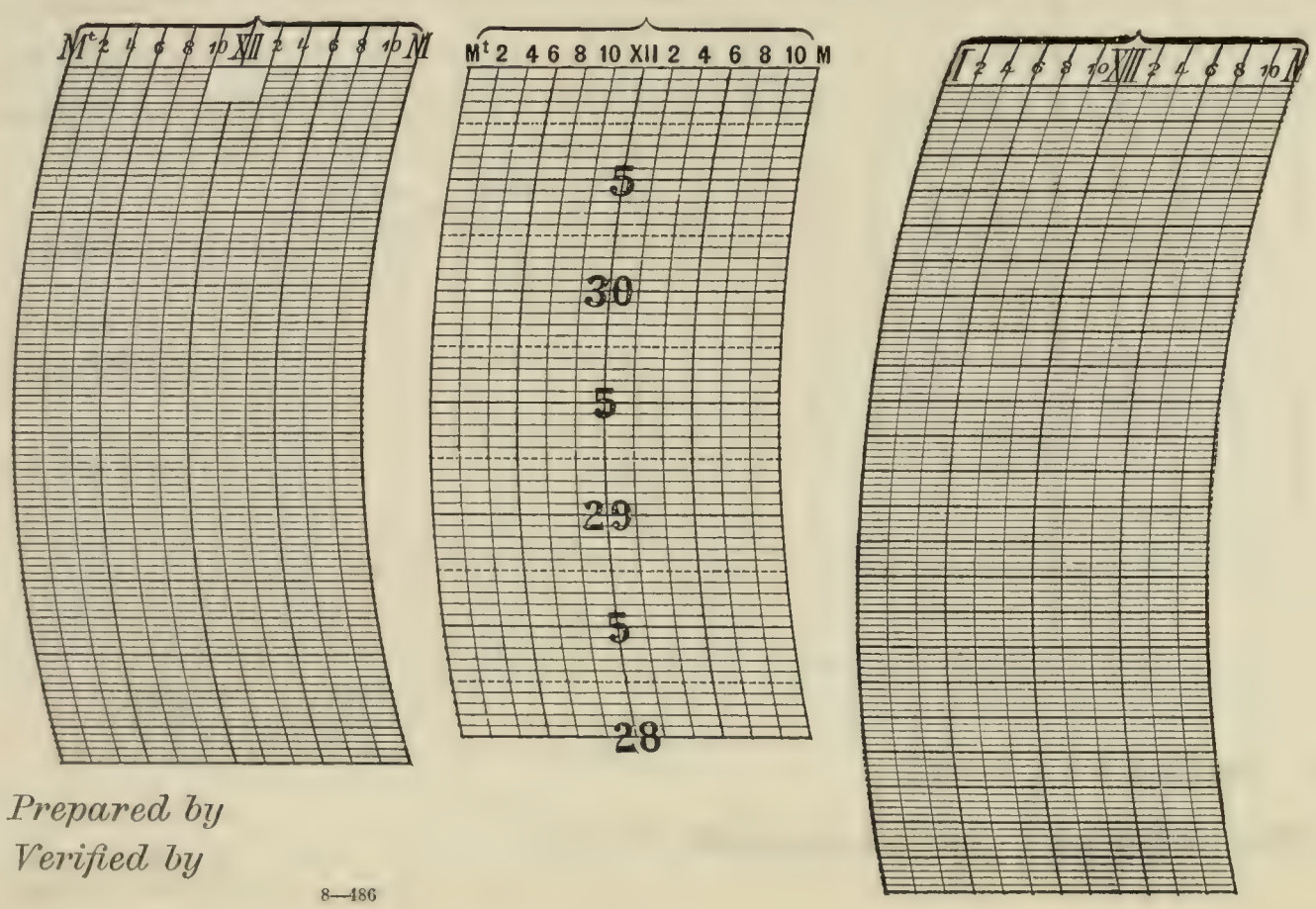
Maximum velocity,	Direction,	Time.

Relative humidity, ____ a. m. ____ p. m.

Reduced barometer, ____ a. m. ____ p. m.

River gage, ____

NOTES.



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Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) _____, *(Day of week)* _____, *(Date)* _____, *191*

Time (local standard), _____ mer.	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour																								
State of weather. Nature of precipitation and time of beginning and ending																								
State of weather. Amounts of precipitation																								
State of weather. Cloudiness and other conditions																								
	Sunrise: Time, _____ Character, _____																				Sunset: Time, _____ Character, _____			
Sunshine (in tenths of hours)																								
Wind direction																								
Wind movement																								
Maximum velocities (exceeding _____ miles)																								

	Total duration.		Total amount of precipitation.	Excessive rate.		Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below.												
	From—	To—		Began—	Ended—		5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

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Maximum.	Minimum.	Mean.	Normal.

Total depth of snow for 24 hours ending _____ p. m., _____ inches.

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Total precipitation, midnight to midnight, _____ inches.

Character of day, _____ Moon phase, _____

Actual sunshine, hours, _____

Possible sunshine, hours, _____

Percentage of possible sunshine, _____

Prevailing direction _____

Total movement, _____

Average hourly velocity, _____

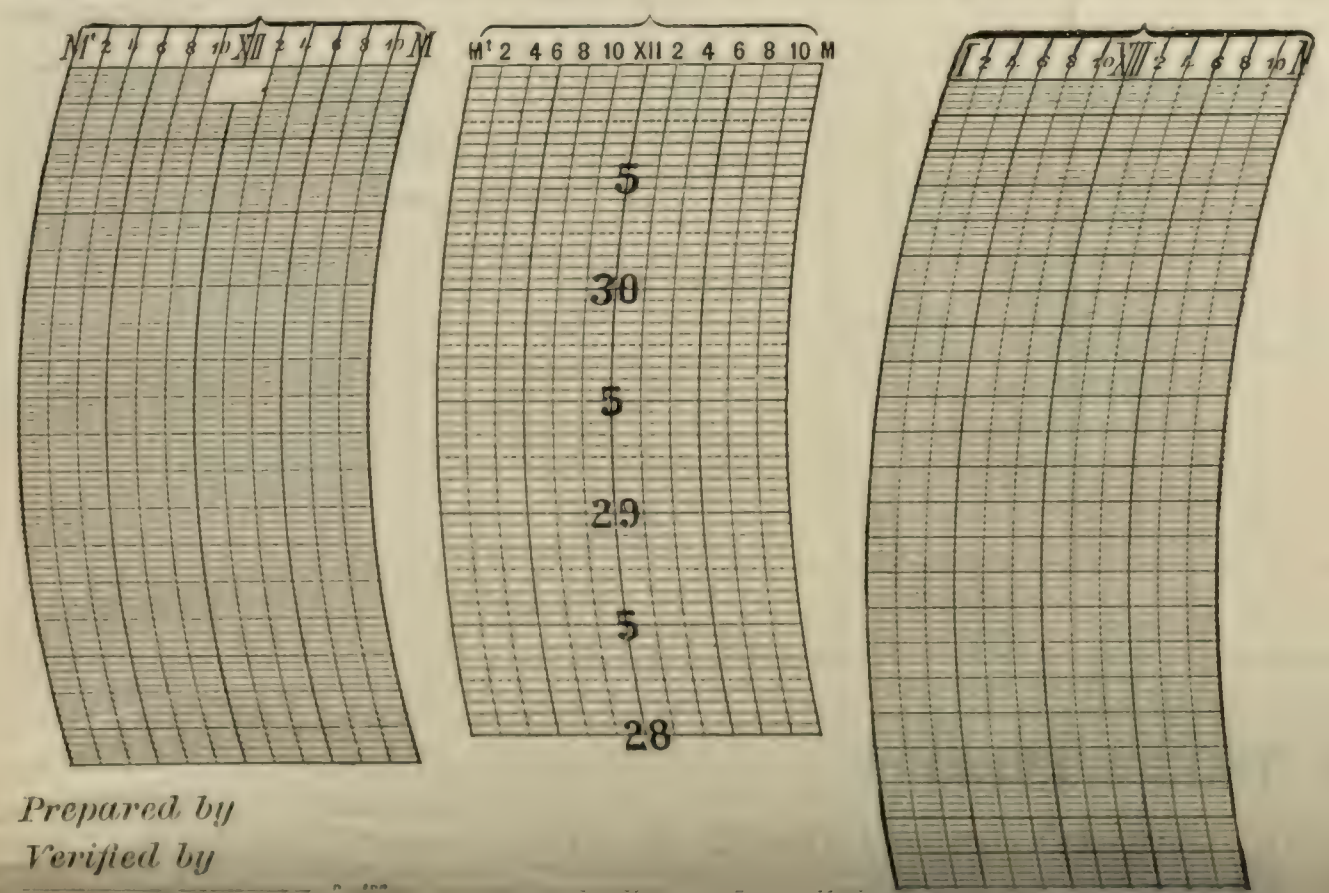
Maximum velocity,	Direction,	Time.
_____	_____	_____

Relative humidity, _____ a. m., _____ p. m.

Reduced barometer, _____ a. m., _____ p. m.

River gage, _____

NOTES.



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U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) _____, *(Day of week)* _____, *(Date)* _____, *191*

Time (local standard), _____ mer.

	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour																								
State of weather: Nature of precipitation and time of beginning and ending																								
State of weather: Amounts of precipitation																								
State of weather: Cloudiness and other conditions																								
Sunrise: Time, _____ Character, _____																					Sunset: Time, _____ Character, _____			
Sunshine (in tenths of hours)																								
Wind direction																								
Wind movement																								
Maximum velocities (exceeding _____ miles)																								

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

_____ hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.

Total depth of snow for 24 hours ending _____ p. m., _____ inches.

Snow on ground _____ p. m., _____ inches.

Total snowfall, midnight to midnight, _____ inches.

Precipitation to _____ a. m., _____ ins.; to _____ p. m., _____ ins.

Total precipitation, midnight to midnight, _____ inches.

Character of day, _____ Moon phase, _____

Actual sunshine, hours, _____

Possible sunshine, hours, _____

Percentage of possible sunshine, _____

Prevailing direction _____

Total movement, _____

Average hourly velocity, _____

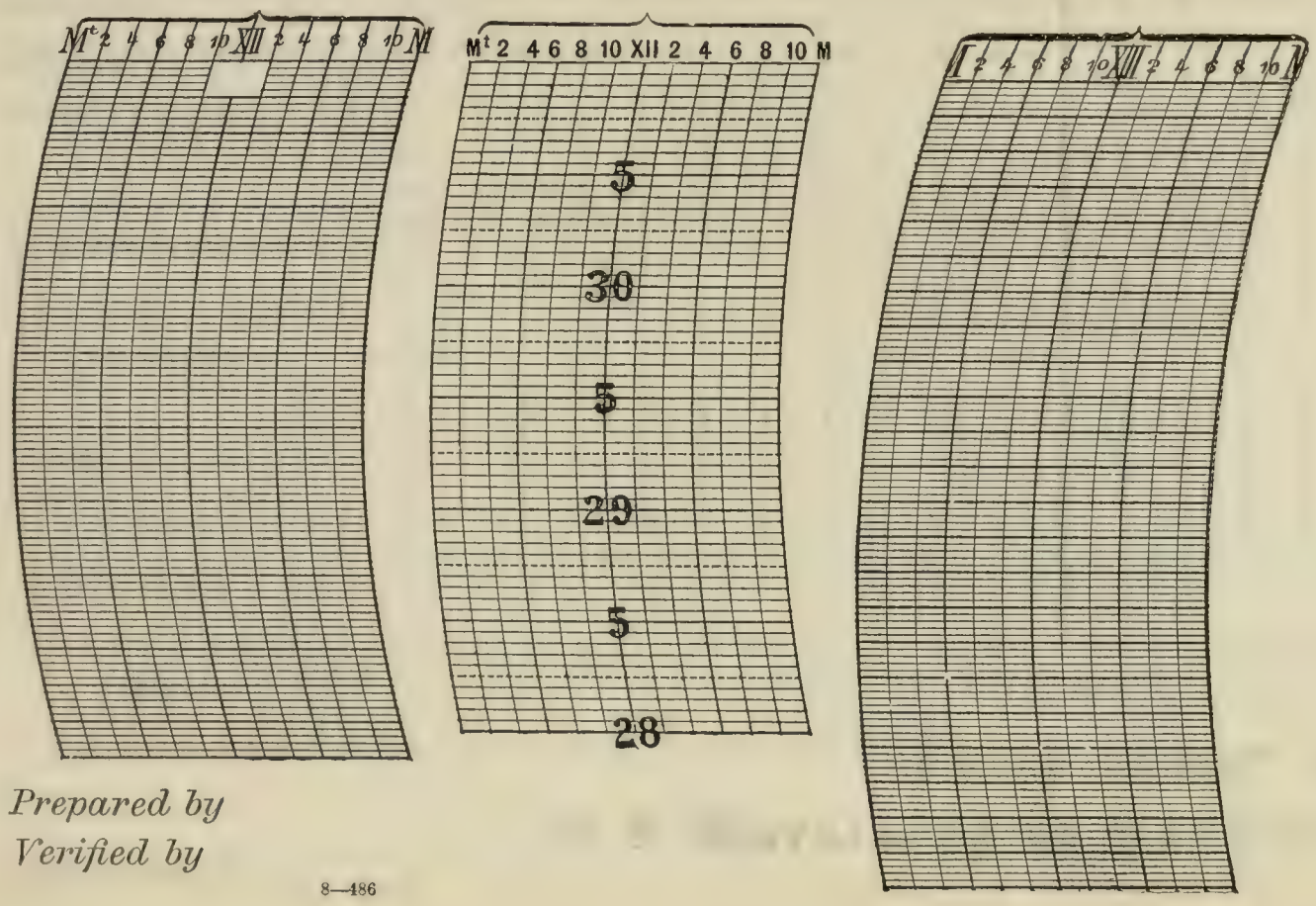
Maximum velocity, _____ Direction, _____ Time, _____

Relative humidity, _____ a. m. _____ p. m.

Reduced barometer, _____ a. m. _____ p. m.

River gage, _____

NOTES.



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Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) _____, *(Day of week)* _____, *(Date)* _____, *191*

Time (local standard), ____ mer.	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour																								
State of weather: Nature of precipitation and time of beginning and ending																								
State of weather: Amounts of precipitation																								
State of weather: Cloudiness and other conditions																								
	Sunrise: Time, ____ Character, ____																				Sunset: Time, ____ Character, ____			
Sunshine (in tenths of hours)																								
Wind direction																								
Wind movement																								
Maximum velocities (exceeding ____ miles)																								

Excessive precipitation, accumulated amounts	Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

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Total depth of snow for 24 hours ending ____ p. m., ____ inches.

Snow on ground ____ p. m., ____ inches.

Total snowfall, midnight to midnight, ____ inches.

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Total precipitation, midnight to midnight, ____ inches.

Character of day, ____ Moon phase, ____

Actual sunshine, hours, ____

Possible sunshine, hours, ____

Percentage of possible sunshine, ____

Prevailing direction, ____

Total movement, ____

Average hourly velocity, ____

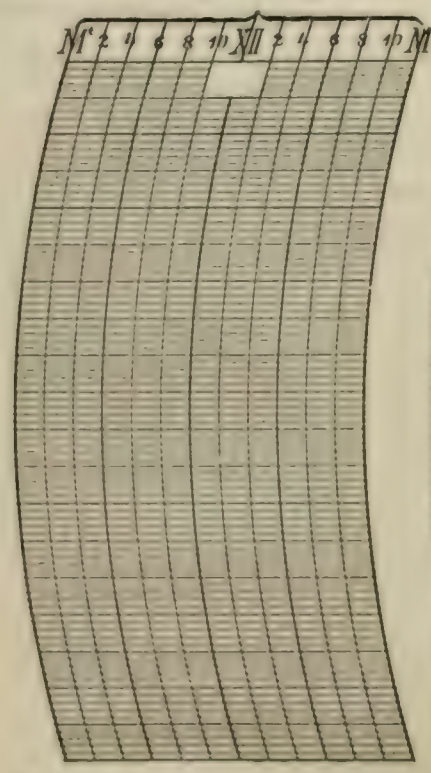
Maximum velocity,	Direction,	Time.

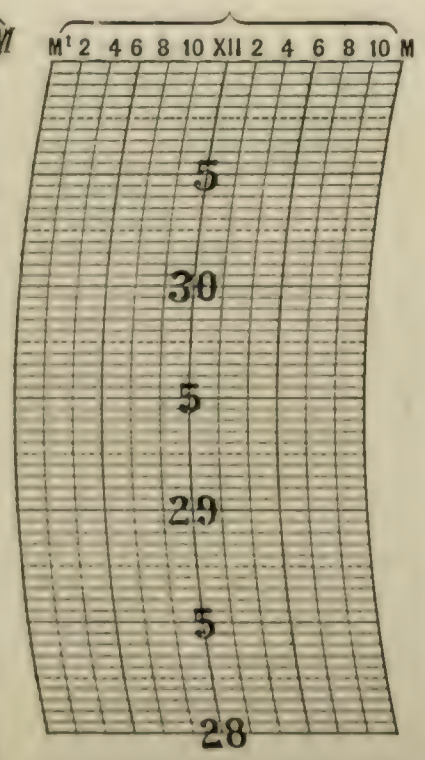
Relative humidity, ____ a. m. ____ p. m.

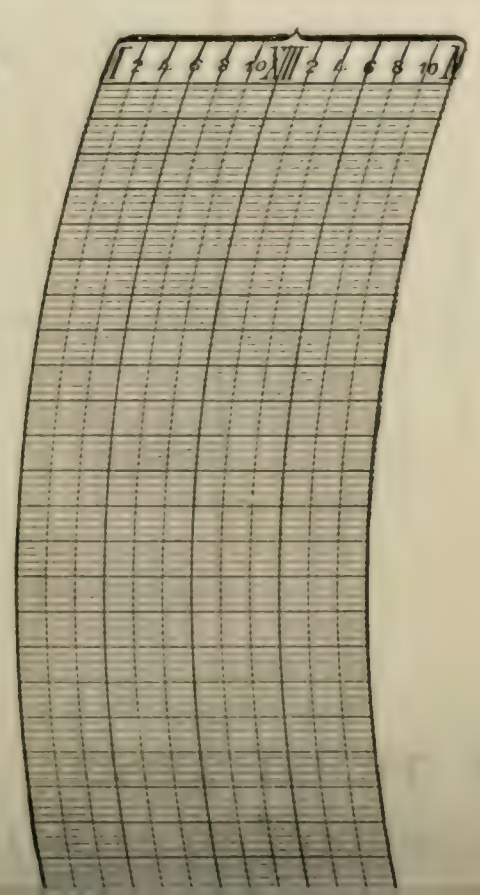
Reduced barometer, ____ a. m. ____ p. m.

River gage, ____

NOTES.







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U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) _____, *(Day of week)* _____, *(Date)* _____, *191*

Time (local standard), _____ mer.

	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour																								
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions																								
	Sunrise: Time, _____ Character, _____																				Sunset: Time, _____ Character, _____			
Sunshine (in tenths of hours)																								
Wind direction																								
Wind movement																								
Maximum velocities (exceeding _____ miles)																								

	Total duration.		Total amount of precipitation.	Excessive rate.		Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below.												
	From—	To—		Began—	Ended—		5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

_____ hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.

Total depth of snow for 24 hours ending _____ p. m., _____ inches.

Snow on ground _____ p. m., _____ inches.

Total snowfall, midnight to midnight, _____ inches.

Precipitation to _____ a. m., _____ ins.; to _____ p. m., _____ ins.

Total precipitation, midnight to midnight, _____ inches.

Character of day, _____ Moon phase, _____

Actual sunshine, hours, _____

Possible sunshine, hours, _____

Percentage of possible sunshine, _____

Prevailing direction _____

Total movement, _____

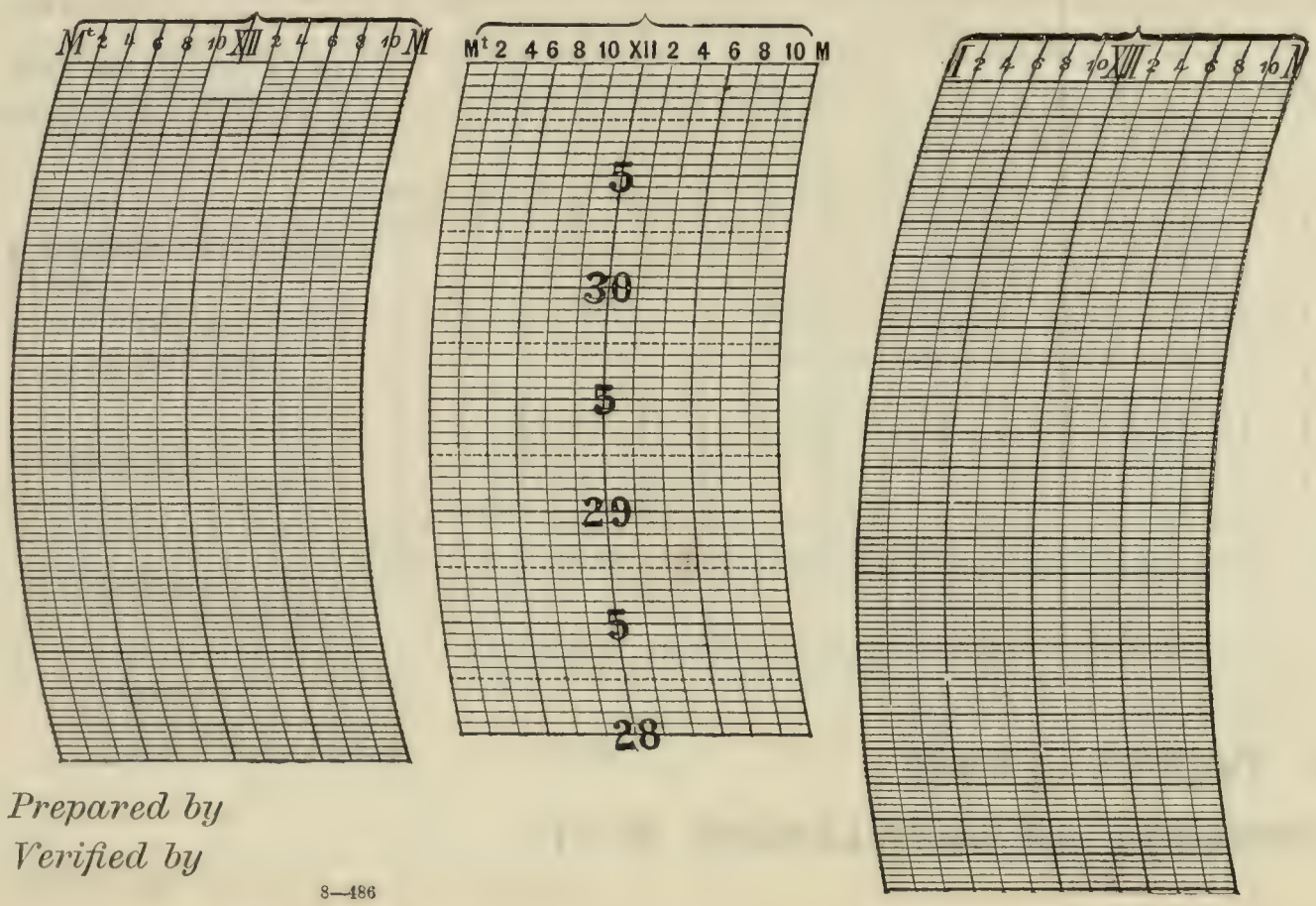
Average hourly velocity, _____

Maximum velocity, _____ Direction, _____ Time. _____

Relative humidity, _____ a. m. _____ p. m.

Reduced barometer, _____ a. m. _____ p. m.

River gage, _____



NOTES.

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Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) _____, *(Day of week)* _____, *(Date)* _____, *191*

Time (local standard), ____ mer.	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour																								
State of weather: Nature of precipitation and time of beginning and ending																								
State of weather: Amounts of precipitation																								
State of weather: Cloudiness and other conditions																								
	Sunrise: Time, ____ Character, ____																				Sunset: Time, ____ Character, ____			
Sunshine (in tenths of hours)																								
Wind direction																								
Wind movement																								
Maximum velocities (exceeding ____ miles)																								

Excessive precipitation, accumulated amounts	Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

____ hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.

Total depth of snow for 24 hours ending ____ p. m., ____ inches.

Snow on ground ____ p. m., ____ inches.

Total snowfall, midnight to midnight, ____ inches.

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Total precipitation, midnight to midnight, ____ inches.

Character of day, ____ Moon phase, ____

Actual sunshine, hours, ____

Possible sunshine, hours, ____

Percentage of possible sunshine, ____

Prevailing direction, ____

Total movement, ____

Average hourly velocity, ____

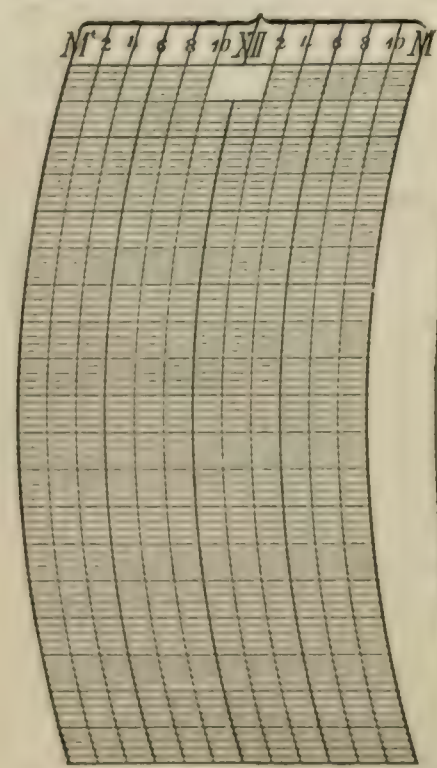
Maximum velocity.	Direction.	Time.

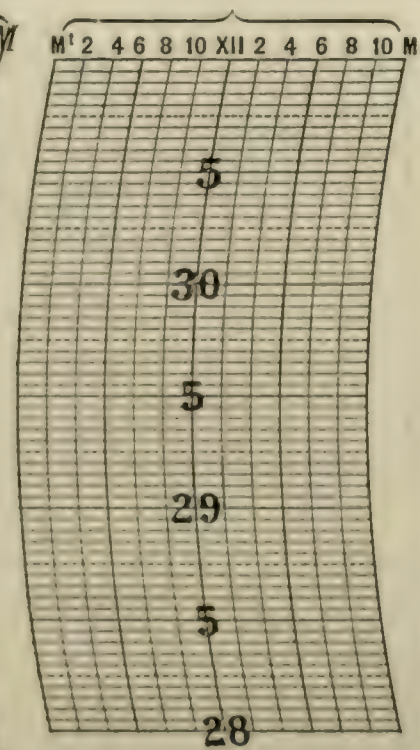
Relative humidity, ____ a. m. ____ p. m.

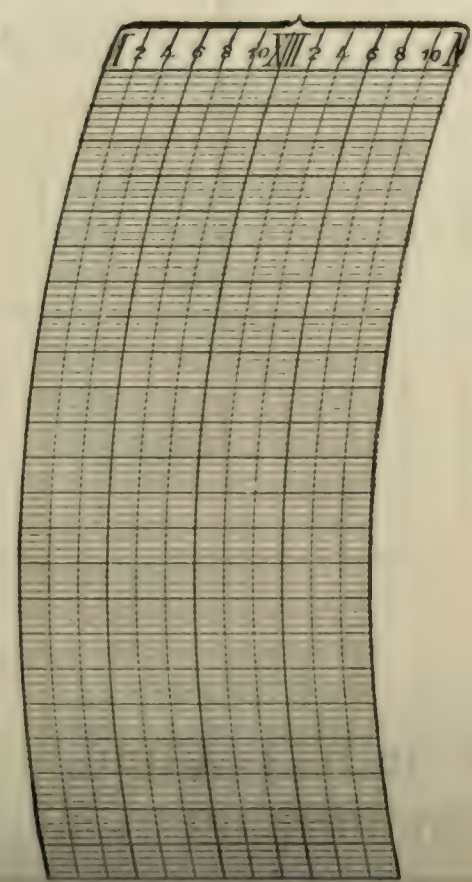
Reduced barometer, ____ a. m. ____ p. m.

River gage, ____

NOTES.







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DAILY LOCAL RECORD.

(Station) _____, *(Day of week)* _____, *(Date)* _____, *191*

Time (local standard), ____ mer.	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour																								
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions																								
	Sunrise: Time, ____ Character, ____																				Sunset: Time, ____ Character, ____			
Sunshine (in tenths of hours)																								
Wind direction																								
Wind movement																								
Maximum velocities (exceeding ____ miles)																								

Total duration.		Total amount of precipitation.	Excessive rate.		Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below.													
From—	To—		Began—	Ended—		5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

____ hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.

Total depth of snow for 24 hours ending ____ p. m., ____ inches.

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Character of day, ____ Moon phase, ____

Actual sunshine, hours, ____

Possible sunshine, hours, ____

Percentage of possible sunshine, ____

Prevailing direction ____

Total movement, ____

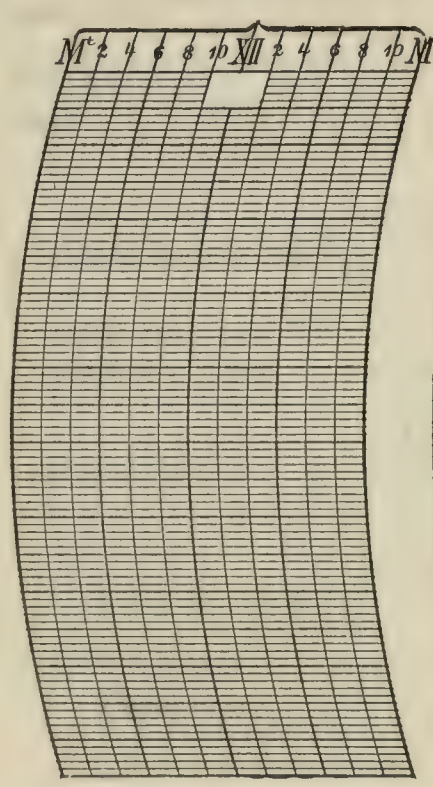
Average hourly velocity, ____

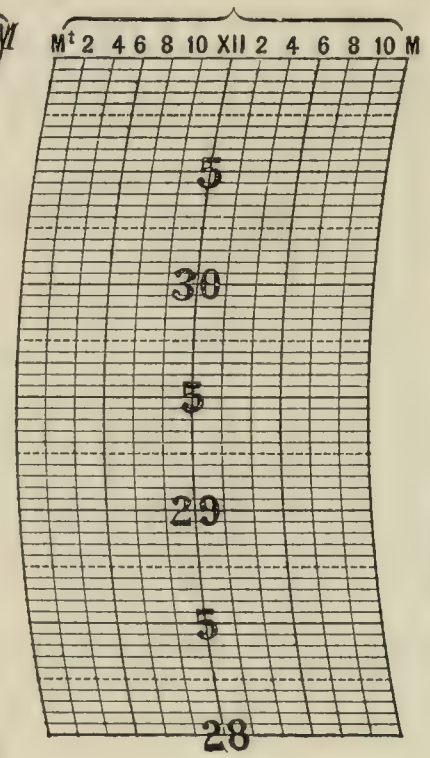
Maximum velocity,	Direction,	Time.
____	____	____

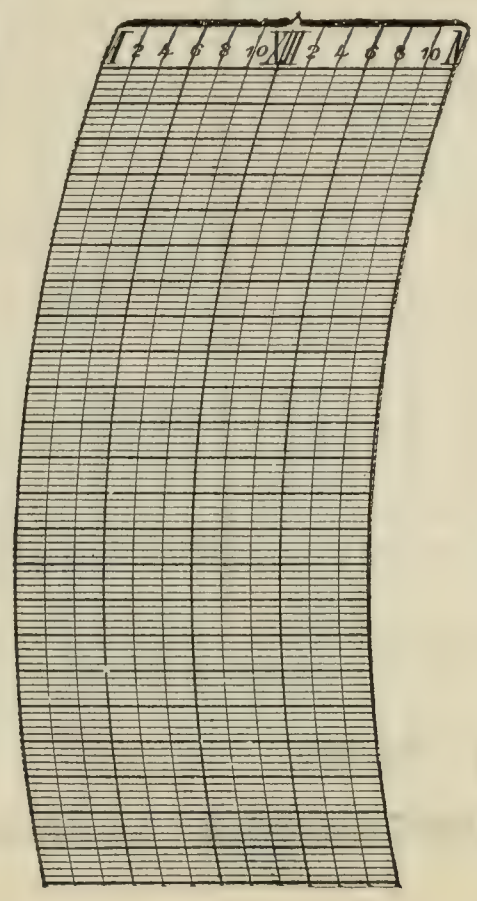
Relative humidity, ____ a. m. ____ p. m.

Reduced barometer, ____ a. m. ____ p. m.

River gage, ____







NOTES.

Prepared by

Verified by

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Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) _____, *(Day of week)* _____, *(Date)* _____, *191*

Time (local standard), ____ mer.	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour																								
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions																								
	Sunrise: Time, ____ Character, ____																				Sunset: Time, ____ Character, ____			
Sunshine (in tenths of hours)																								
Wind direction																								
Wind movement																								
Maximum velocities (exceeding ____ miles)																								

	Total duration.		Total amount of precipitation.	Excessive rate.		Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below.												
	From—	To—		Began—	Ended—		5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

____ hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.

Total depth of snow for 24 hours ending ____ p. m., ____ inches.

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Actual sunshine, hours, ____

Possible sunshine, hours, ____

Percentage of possible sunshine, ____

Prevailing direction, ____

Total movement, ____

Average hourly velocity, ____

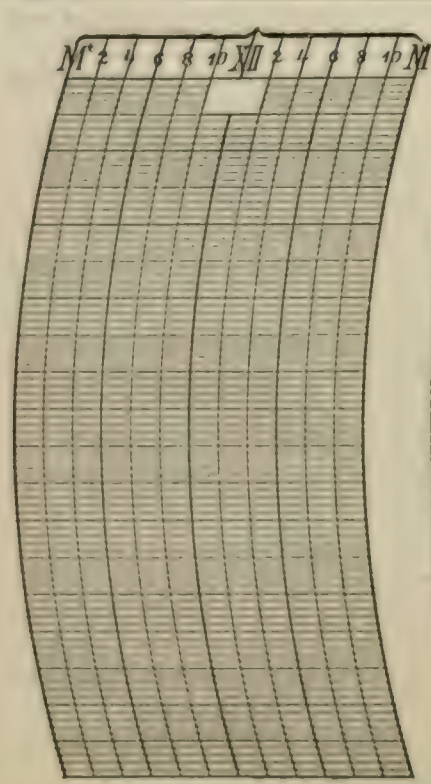
Maximum velocity,	Direction,	Time.
____	____	____

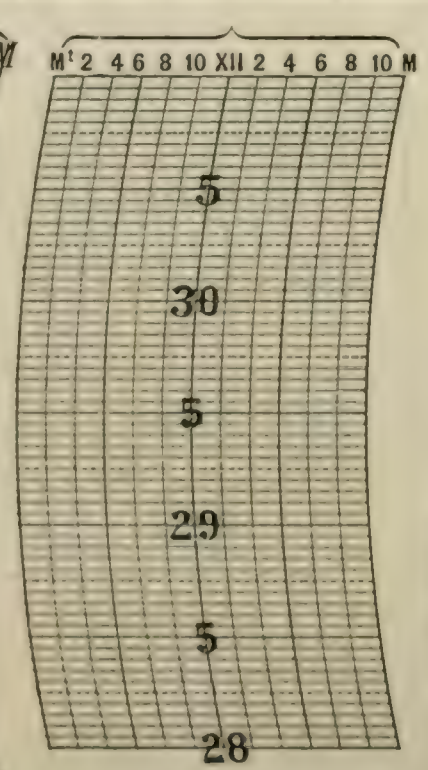
Relative humidity, ____ a. m. ____ p. m.

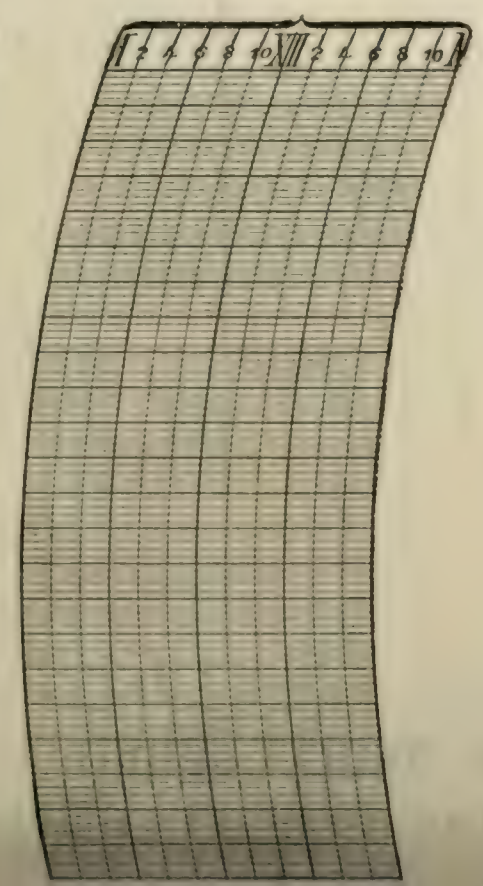
Reduced barometer, ____ a. m. ____ p. m.

River gage, ____

NOTES.







Prepared by

Verified by

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) _____, *(Day of week)* _____, *(Date)* _____, *191*

Time (local standard), _____mer.

	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour																								
State of weather. Nature of precipitation and time of beginning and ending																								
State of weather. Amounts of precipitation																								
State of weather. Cloudiness and other conditions																								
	Sunrise: Time, ____ Character, ____																				Sunset: Time, ____ Character, ____			
Sunshine (in tenths of hours)																								
Wind direction																								
Wind movement																								
Maximum velocities (exceeding ____ miles)																								

	Total duration.		Total amount of precipitation.	Excessive rate.		Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below.													
	From—	To—		Began—	Ended—		5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

____ hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.

Total depth of snow for 24 hours ending _____ p. m., _____ inches.

Snow on ground _____ p. m., _____ inches.

Total snowfall, midnight to midnight, _____ inches.

Precipitation to _____ a. m., _____ ins.; to _____ p. m., _____ ins.

Total precipitation, midnight to midnight, _____ inches.

Character of day, _____ Moon phase, _____

Actual sunshine, hours, _____

Possible sunshine, hours, _____

Percentage of possible sunshine, _____

Prevailing direction _____

Total movement, _____

Average hourly velocity, _____

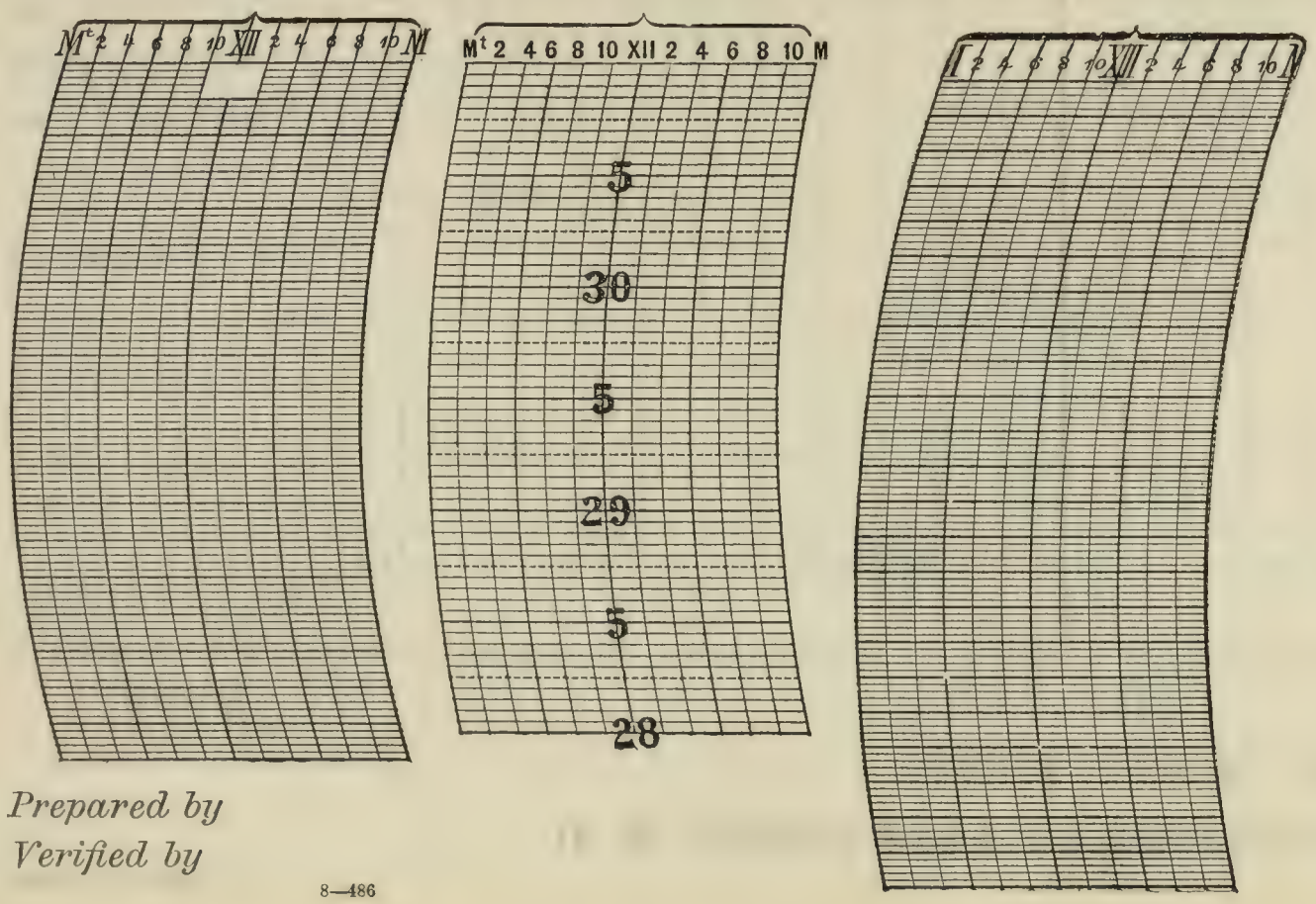
Maximum velocity, _____ Direction, _____ Time. _____

Relative humidity, _____ a. m. _____ p. m.

Reduced barometer, _____ a. m. _____ p. m.

River gage, _____

NOTES.



Prepared by

Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) ....., *(Day of week)* ....., *(Date)* ....., *191*

Time (local standard), ... mer.	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour																								
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions																								
	Sunrise: Time, ... Character, ...																				Sunset: Time, ... Character, ...			
Sunshine (in tenths of hours)																								
Wind direction																								
Wind movement																								
Maximum velocities (exceeding ..... miles)																								

Excessive precipitation, accumulated amounts	Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

..... hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.

Total depth of snow for 24 hours ending ..... p. m., ... inches.

Snow on ground ..... p. m., ... inches.

Total snowfall, midnight to midnight, ... inches.

Precipitation to ..... a. m., ... ins.; to ..... p. m., ... ins.

Total precipitation, midnight to midnight, ... inches.

Character of day, ... Moon phase, ...

Actual sunshine, hours, ...

Possible sunshine, hours, ...

Percentage of possible sunshine, ...

Prevailing direction, ...

Total movement, ...

Average hourly velocity, ...

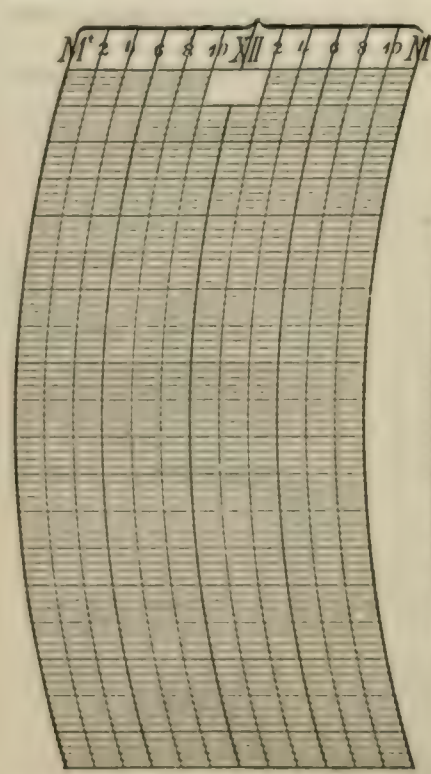
Maximum velocity.	Direction.	Time.

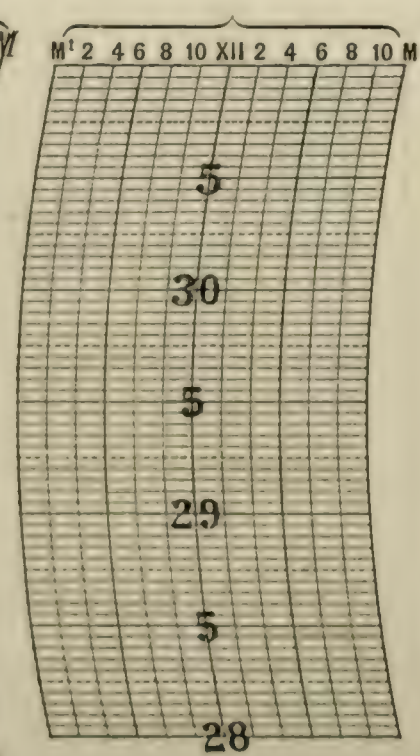
Relative humidity, ... a. m. ..... p. m.

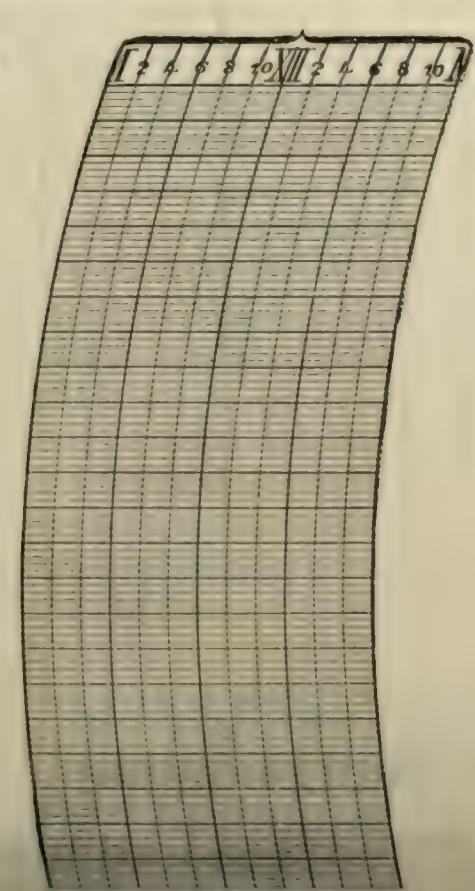
Reduced barometer, ... a. m. ..... p. m.

River gage, ...

NOTES.







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U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) _____, *(Day of week)* _____, *(Date)* _____, *191*

Time (local standard), ____mer.	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour																								
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions																								
	Sunrise: Time, ____ Character, ____																				Sunset: Time, ____ Character, ____			
Sunshine (in tenths of hours)																								
Wind direction																								
Wind movement																								
Maximum velocities (exceeding ____ miles)																								

	Total duration.		Total amount of precipitation.	Excessive rate.		Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below.													
	From—	To—		Began—	Ended—		5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

____ hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.

Total depth of snow for 24 hours ending ____ p. m., ____ inches.

Snow on ground ____ p. m., ____ inches.

Total snowfall, midnight to midnight, ____ inches.

Precipitation to ____ a. m., ____ ins.; to ____ p. m., ____ ins.

Total precipitation, midnight to midnight, ____ inches.

Character of day, ____ Moon phase, ____

Actual sunshine, hours, ____

Possible sunshine, hours, ____

Percentage of possible sunshine, ____

Prevailing direction ____

Total movement, ____

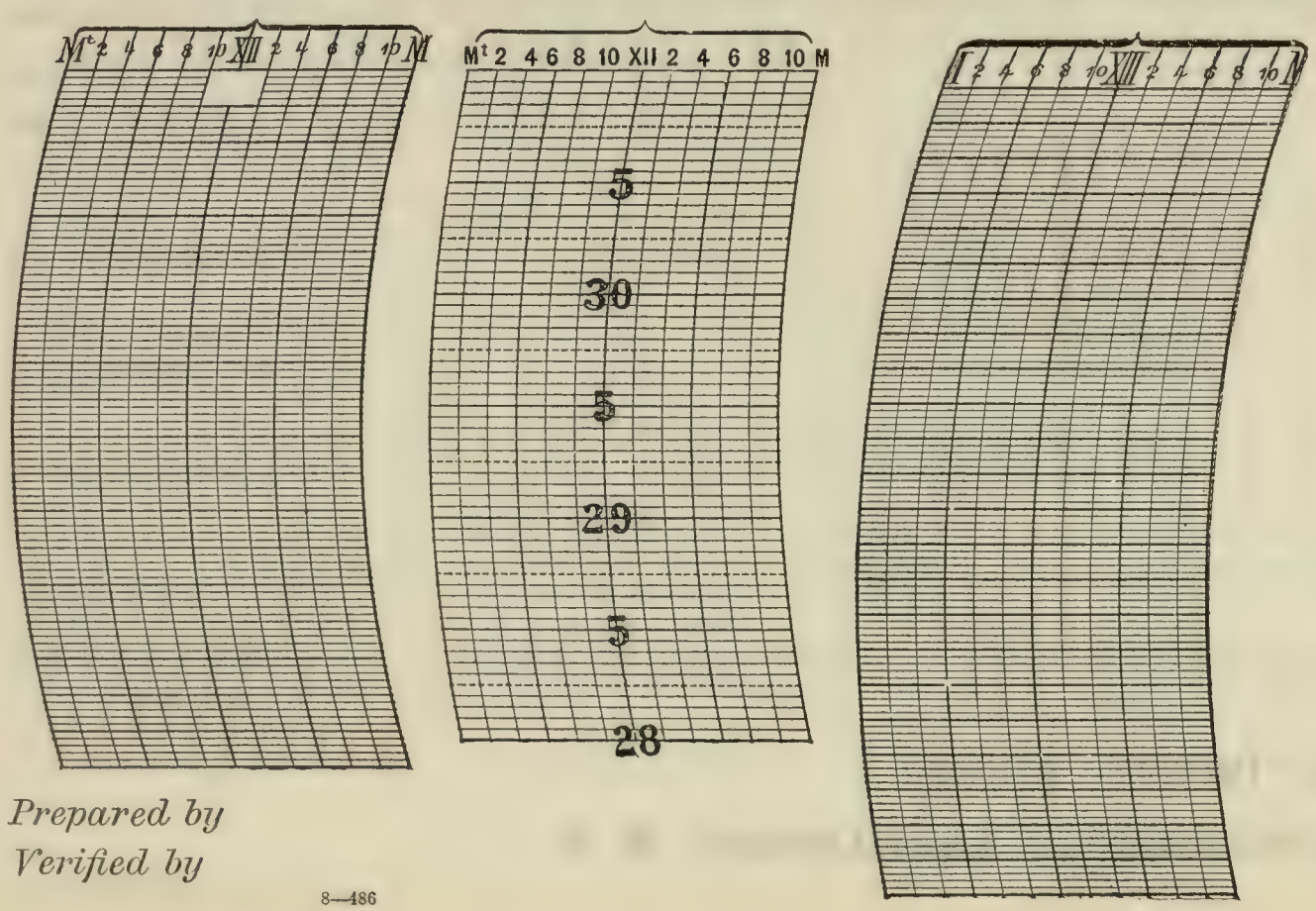
Average hourly velocity, ____

Maximum velocity, ____ Direction, ____ Time. ____

Relative humidity, ____ a. m. ____ p. m.

Reduced barometer, ____ a. m. ____ p. m.

River gage, ____



NOTES.

Prepared by

Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) _____, *(Day of week)* _____, *(Date)* _____, *191*

Time (local standard), ____ mer.	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour																								
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions																								
	Sunrise: Time, ____ Character, ____																				Sunset: Time, ____ Character, ____			
Sunshine (in tenths of hours)																								
Wind direction																								
Wind movement																								
Maximum velocities (exceeding ____ miles)																								

Excessive precipitation, accumulated amounts	Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

____ hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.

Total depth of snow for 24 hours ending ____ p. m., ____ inches.

Snow on ground ____ p. m., ____ inches.

Total snowfall, midnight to midnight, ____ inches.

Precipitation to ____ a. m., ____ ins.; to ____ p. m., ____ ins.

Total precipitation, midnight to midnight, ____ inches.

Character of day, ____ Moon phase, ____

Actual sunshine, hours, ____

Possible sunshine, hours, ____

Percentage of possible sunshine, ____

Prevailing direction, ____

Total movement, ____

Average hourly velocity, ____

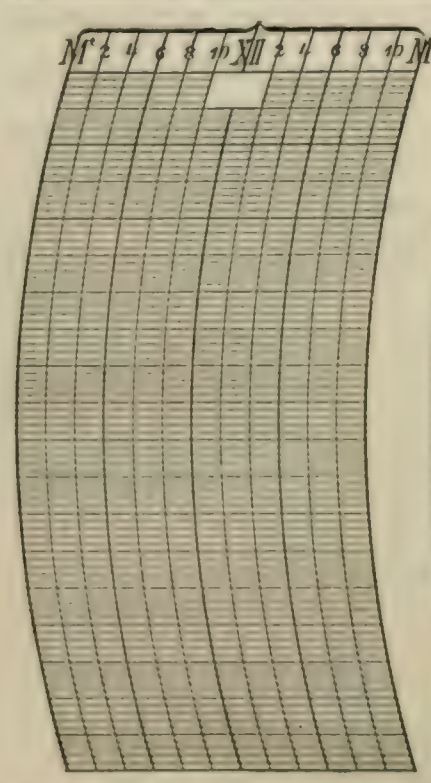
Maximum velocity,	Direction,	Time.

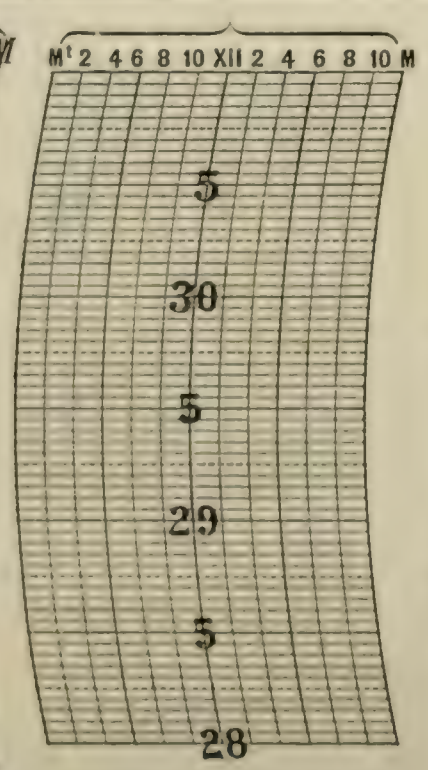
Relative humidity, ____ a. m. ____ p. m.

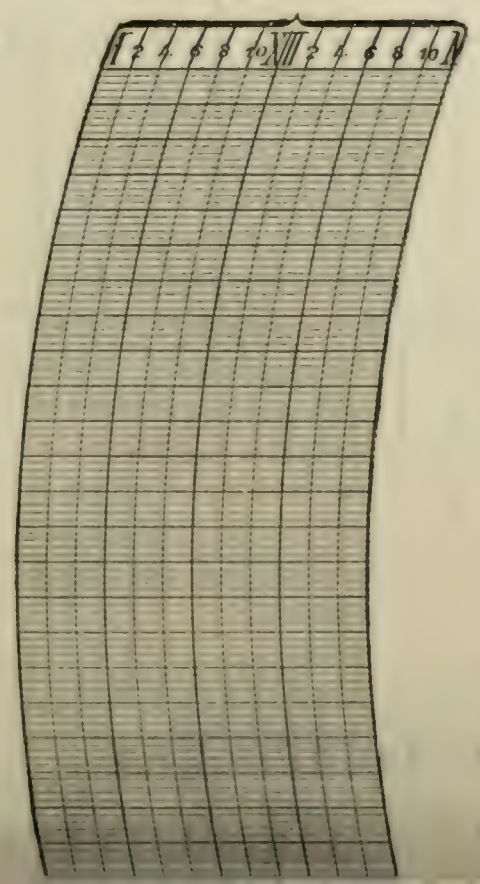
Reduced barometer, ____ a. m. ____ p. m.

River gage, ____

NOTES.







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U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) _____, *(Day of week)* _____, *(Date)* _____, *191*

Time (local standard), _____ mer.	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour																								
State of weather: Nature of precipitation and time of beginning and ending																								
State of weather: Amounts of precipitation																								
State of weather: Cloudiness and other conditions																								
	Sunrise: Time, _____ Character, _____																				Sunset: Time, _____ Character, _____			
Sunshine (in tenths of hours)																								
Wind direction																								
Wind movement																								
Maximum velocities (exceeding _____ miles)																								

Excessive precipitation, accumulated amounts	Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

_____ hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.

Total depth of snow for 24 hours ending _____ p. m., _____ inches.

Snow on ground _____ p. m., _____ inches.

Total snowfall, midnight to midnight, _____ inches.

Precipitation to _____ a. m., _____ ins.; to _____ p. m., _____ ins.

Total precipitation, midnight to midnight, _____ inches.

Character of day, _____ Moon phase, _____

Actual sunshine, hours, _____

Possible sunshine, hours, _____

Percentage of possible sunshine, _____

Prevailing direction _____

Total movement, _____

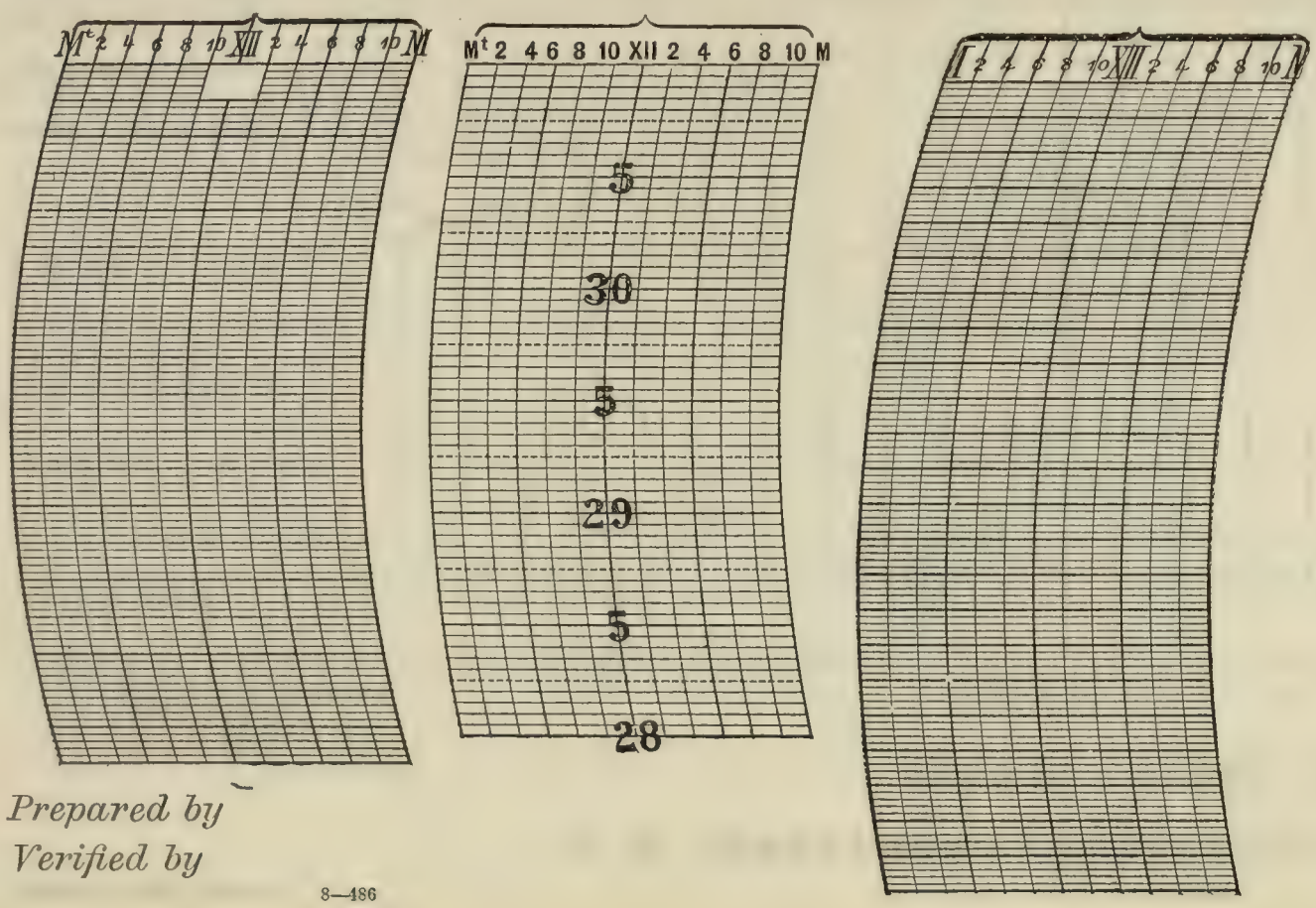
Average hourly velocity, _____

Maximum velocity, _____ Direction, _____ Time. _____

Relative humidity, _____ a. m. _____ p. m.

Reduced barometer, _____ a. m. _____ p. m.

River gage, _____



NOTES.

Prepared by

Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) _____, *(Day of week)* _____, *(Date)* _____, *191*

Time (local standard), ____ mer.	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour																								
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions																								
	Sunrise: Time, ____ Character, ____																				Sunset: Time, ____ Character, ____			
Sunshine (in tenths of hours)																								
Wind direction																								
Wind movement																								
Maximum velocities (exceeding ____ miles)																								

Excessive precipitation, accumulated amounts.	Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

____ hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.

Total depth of snow for 24 hours ending ____ p. m., ____ inches.

Snow on ground ____ p. m., ____ inches.

Total snowfall, midnight to midnight, ____ inches.

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Character of day, ____ Moon phase, ____

Actual sunshine, hours, ____

Possible sunshine, hours, ____

Percentage of possible sunshine, ____

Prevailing direction, ____

Total movement, ____

Average hourly velocity, ____

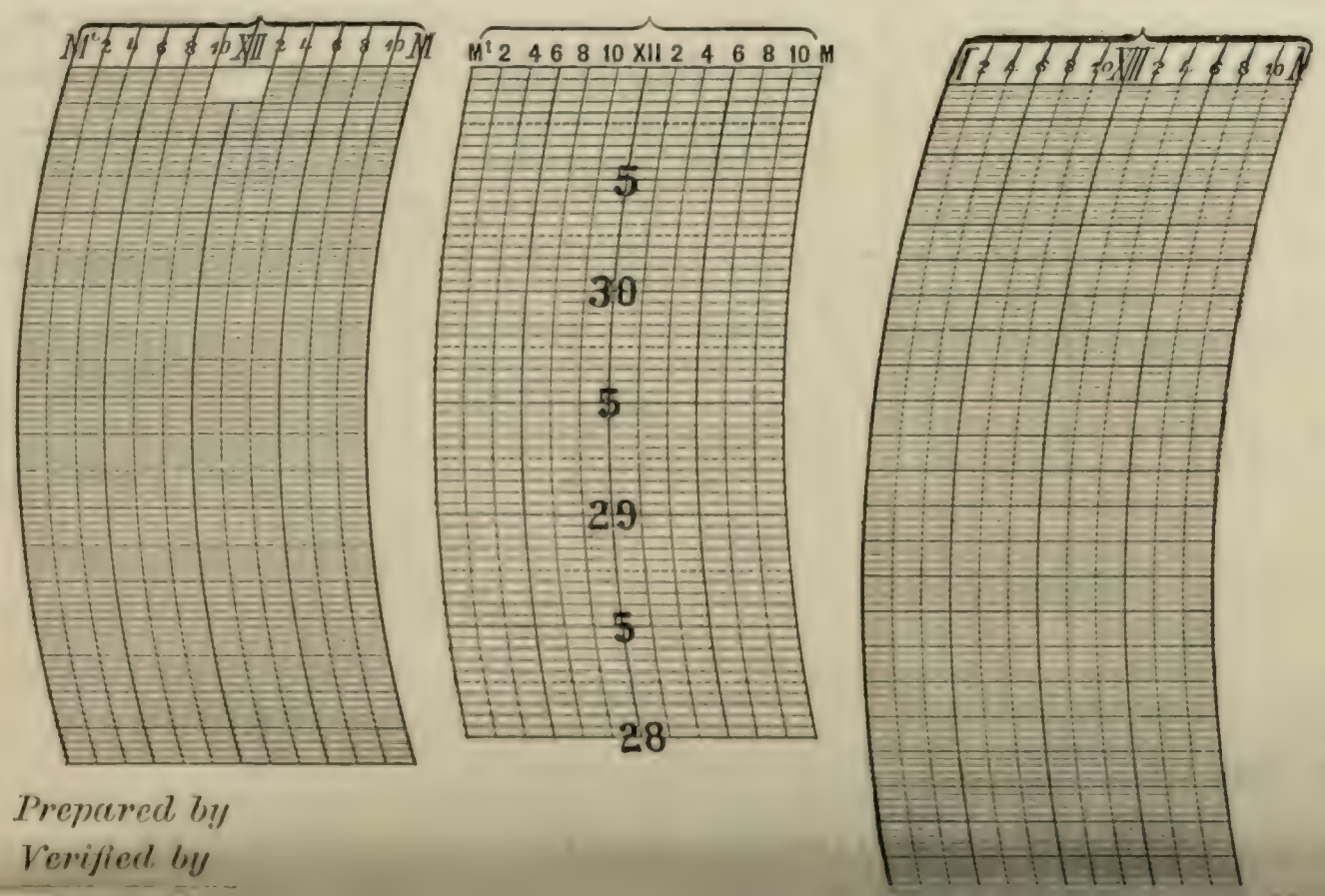
Maximum velocity,	Direction,	Time

Relative humidity, ____ a. m. ____ p. m.

Reduced barometer, ____ a. m. ____ p. m.

River gage, ____

NOTES.



Prepared by

Verified by

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) _____, *(Day of week)* _____, *(Date)* _____, *191*

Time (local standard), ____mer.	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour																								
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions																								
	Sunrise: Time, ____ Character, ____																				Sunset: Time, ____ Character, ____			
Sunshine (in tenths of hours)																								
Wind direction																								
Wind movement																								
Maximum velocities (exceeding ____ miles)																								

	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

____ hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.

Total depth of snow for 24 hours ending ____ p. m., ____ inches.

Snow on ground ____ p. m., ____ inches.

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Precipitation to ____ a. m., ____ ins.; to ____ p. m., ____ ins.

Total precipitation, midnight to midnight, ____ inches.

Character of day, ____ Moon phase, ____

Actual sunshine, hours, ____

Possible sunshine, hours, ____

Percentage of possible sunshine, ____

Prevailing direction ____

Total movement, ____

Average hourly velocity, ____

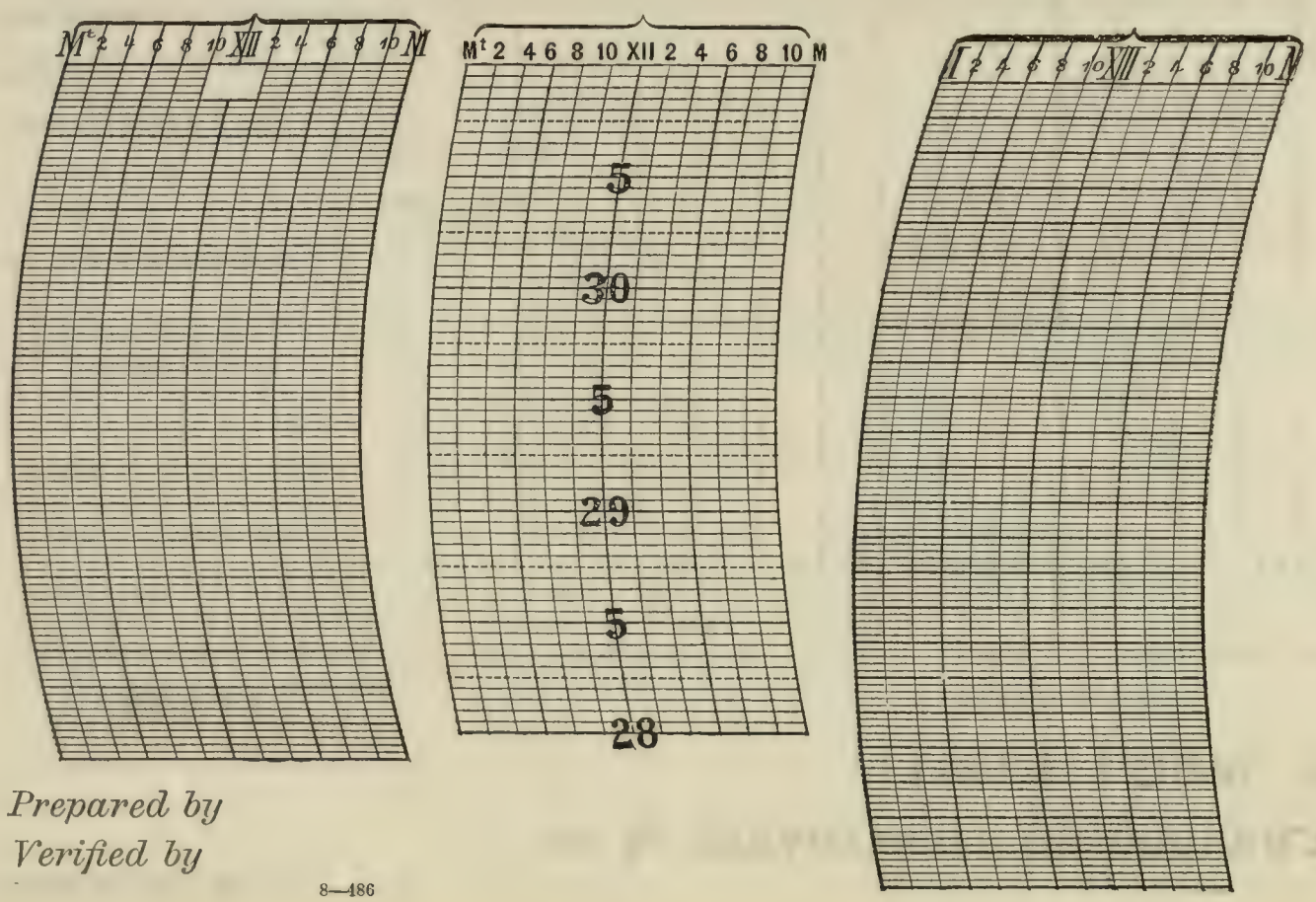
Maximum velocity, ____ Direction, ____ Time. ____

Relative humidity, ____ a. m. ____ p. m.

Reduced barometer, ____ a. m. ____ p. m.

River gage, ____

NOTES.



Prepared by

Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) _____, *(Day of week)* _____, *(Date)* _____ *191*

Time (local standard), _____ mer.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour																								
State of weather: Nature of precipitation and time of beginning and ending																								
State of weather: Amounts of precipitation																								
State of weather: Cloudiness and other conditions																								
	Sunrise: Time, _____ Character, _____																				Sunset: Time, _____ Character, _____			
Sunshine (in tenths of hours)																								
Wind direction																								
Wind movement																								
Maximum velocities (exceeding _____ miles)																								

	Total duration.		Total amount of precipitation.	Excessive rate.		Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below.												
	From—	To—		Began—	Ended—		5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

_____ hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.

Total depth of snow for 24 hours ending _____ p. m., _____ inches.

Snow on ground _____ p. m., _____ inches.

Total snowfall, midnight to midnight, _____ inches.

Precipitation to _____ a. m., _____ ins.; to _____ p. m., _____ ins.

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Character of day, _____ Moon phase, _____

Actual sunshine, hours, _____

Possible sunshine, hours, _____

Percentage of possible sunshine, _____

Prevailing direction, _____

Total movement, _____

Average hourly velocity, _____

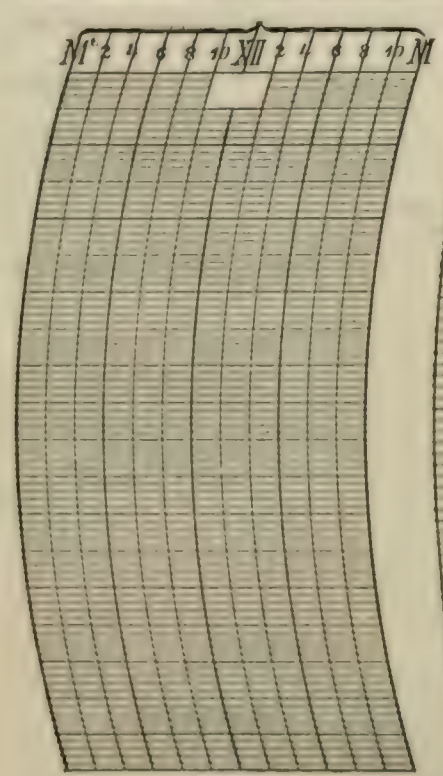
Maximum velocity,	Direction.	Time.

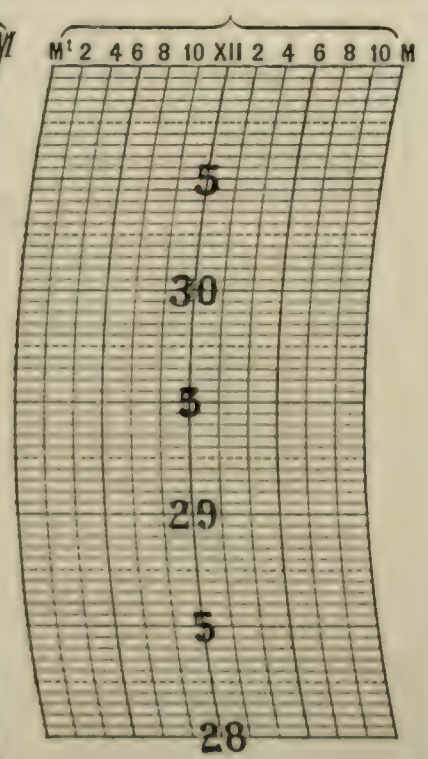
Relative humidity, _____ a. m. _____ p. m.

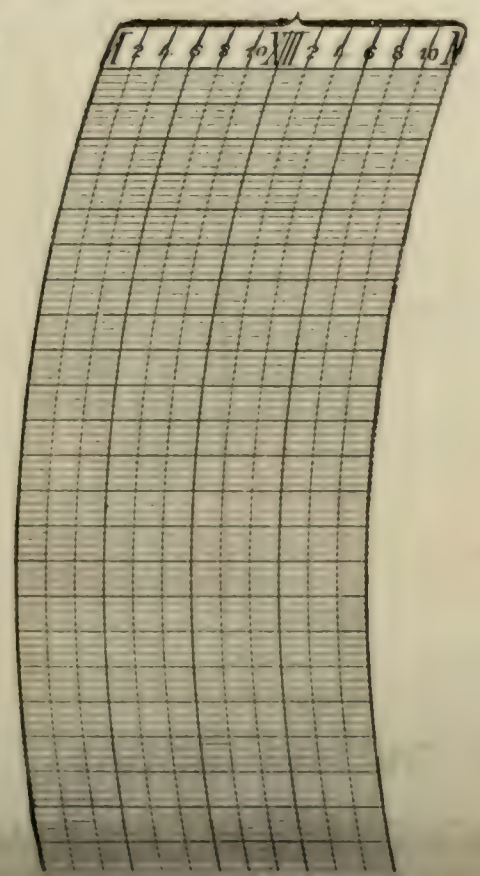
Reduced barometer, _____ a. m. _____ p. m.

River gage, _____

NOTES.







Prepared by

Verified by

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) _____, *(Day of week)* _____, *(Date)* _____, *191*

Time (local standard), _____mer.	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour																								
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions																								
	Sunrise: Time, _____ Character, _____																				Sunset: Time, _____ Character, _____			
Sunshine (in tenths of hours)																								
Wind direction																								
Wind movement																								
Maximum velocities (exceeding _____ miles)																								

Total duration.		Total amount of precipitation.	Excessive rate.		Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below.												
From—	To—		Began—	Ended—		5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

_____ hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.

Total depth of snow for 24 hours ending _____ p. m., _____ inches.

Snow on ground _____ p. m., _____ inches.

Total snowfall, midnight to midnight, _____ inches.

Precipitation to _____ a. m., _____ ins.; to _____ p. m., _____ ins.

Total precipitation, midnight to midnight, _____ inches.

Character of day, _____ Moon phase, _____

Actual sunshine, hours, _____

Possible sunshine, hours, _____

Percentage of possible sunshine, _____

Prevailing direction _____

Total movement, _____

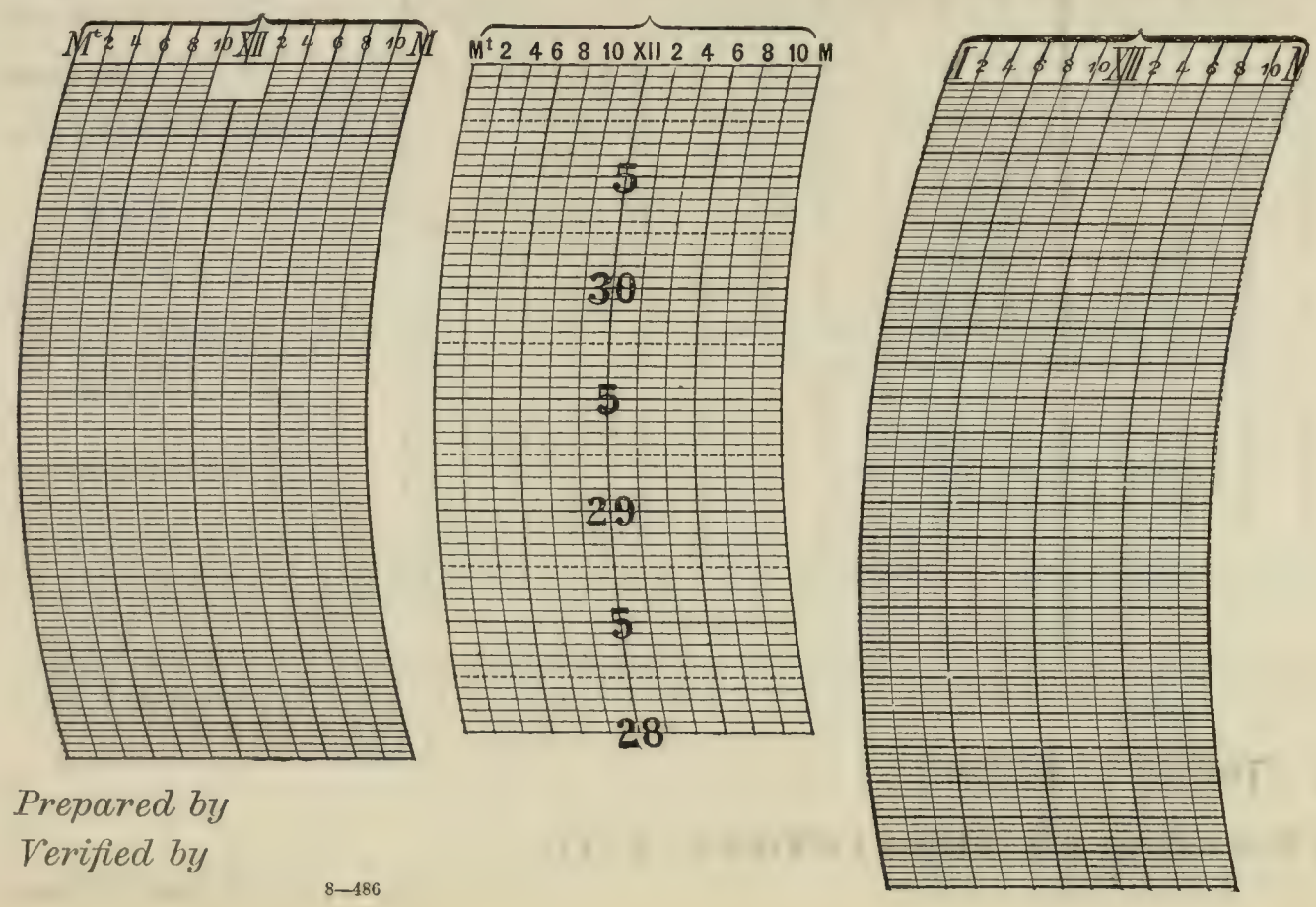
Average hourly velocity, _____

Maximum velocity,	Direction,	Time.
_____	_____	_____

Relative humidity, _____ a. m. _____ p. m.

Reduced barometer, _____ a. m. _____ p. m.

River gage, _____



NOTES.

Prepared by

Verified by

8—486

Form No. 1011—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) _____, *(Day of week)* _____, *(Date)* _____, *191*

Time (local standard), ____mer.	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour																								
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions																								
	Sunrise: Time, ____ Character, ____																				Sunset: Time, ____ Character, ____			
Sunshine (in tenths of hours)																								
Wind direction																								
Wind movement																								
Maximum velocities (exceeding ____ miles)																								

	Total duration.		Total amount of precipitation.	Excessive rate.		Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below.												
	From—	To—		Began—	Ended—		5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

____ hours slower than 75th meridian time.

Maximum.	Minimum.	Mean	Normal.

Total depth of snow for 24 hours ending _____ p. m., _____ inches.

Snow on ground _____ p. m., _____ inches.

Total snowfall, midnight to midnight, _____ inches

Precipitation to _____ a. m., _____ ins.; to _____ p. m., _____ ins.

Total precipitation, midnight to midnight, _____ inches

Character of day, _____ Moon phase, _____

Actual sunshine, hours, _____

Possible sunshine, hours, _____

Percentage of possible sunshine, _____

Prevailing direction, _____

Total movement, _____

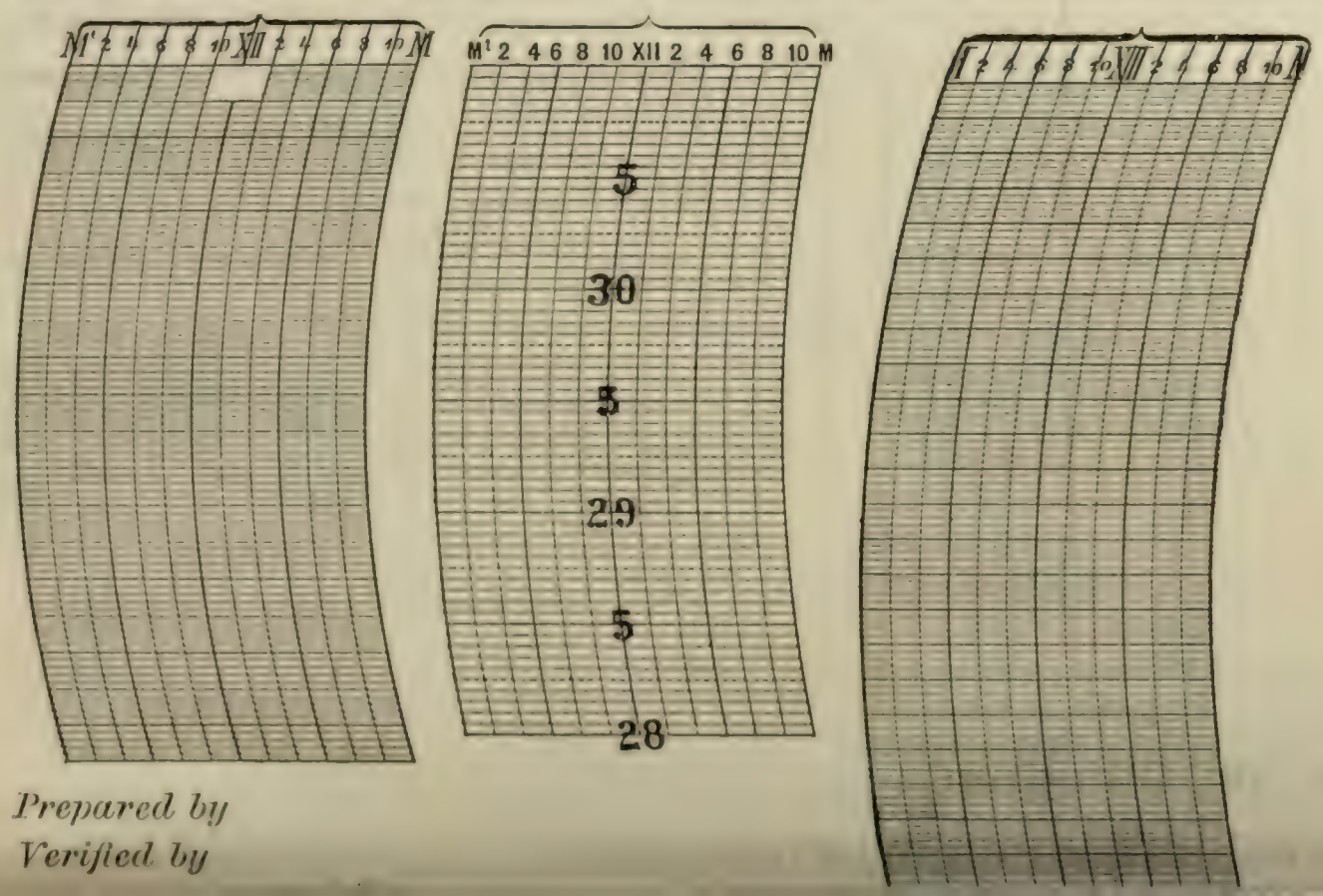
Average hourly velocity, _____

Maximum velocity,	Direction,	Time

Relative humidity, _____ a. m. _____ p. m.

Reduced barometer, _____ a. m. _____ p. m.

River gage, _____



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U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) _____, *(Day of week)* _____, *(Date)* _____, *191*

Time (local standard), _____mer.	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour																								
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions																								
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Sunshine (in tenths of hours)																								
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Percentage of possible sunshine, _____

Prevailing direction _____

Total movement, _____

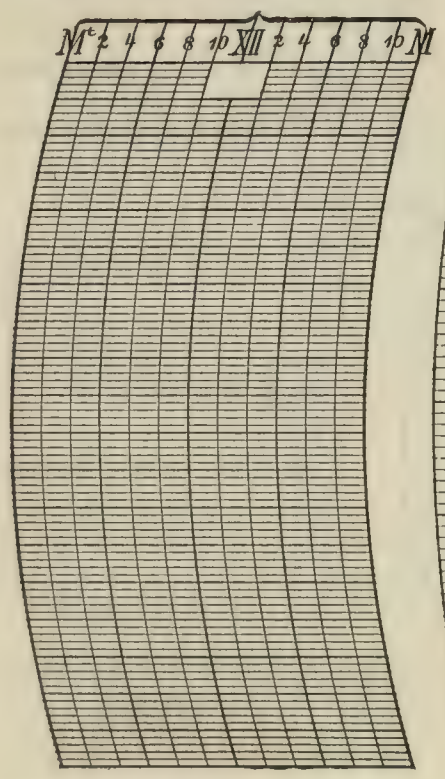
Average hourly velocity, _____

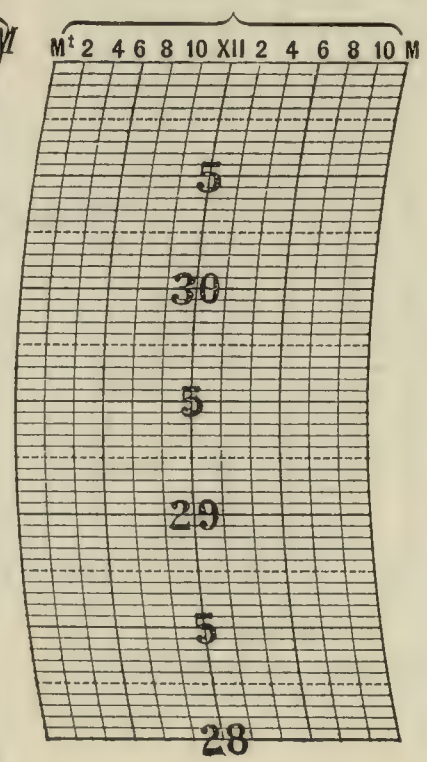
Maximum velocity, _____ Direction, _____ Time. _____

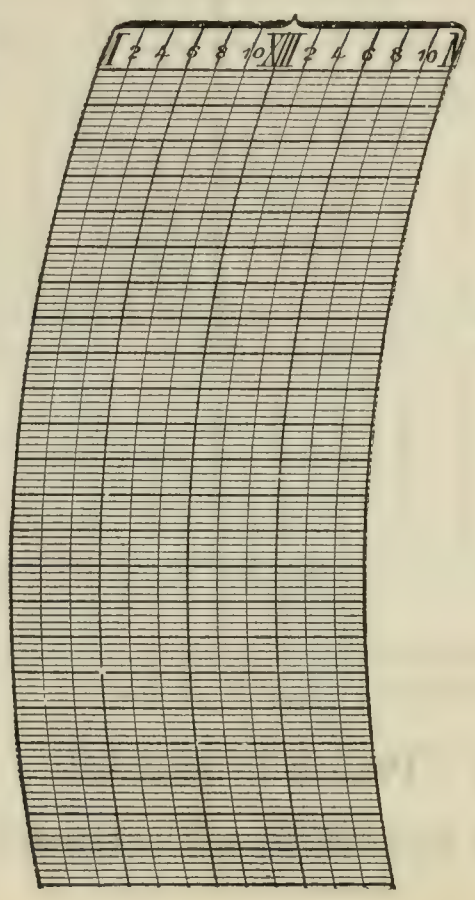
Relative humidity, _____ a. m. _____ p. m.

Reduced barometer, _____ a. m. _____ p. m.

River gage, _____







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Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) _____, *(Day of week)* _____, *(Date)* _____, *191*

Time (local standard), _____ mer.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour																								
State of weather: Nature of precipitation and time of beginning and ending																								
State of weather: Amounts of precipitation																								
State of weather: Cloudiness and other conditions																								
Sunrise: Time, _____ Character, _____																					Sunset: Time, _____ Character, _____			
Sunshine (in tenths of hours)																								
Wind direction																								
Wind movement																								
Maximum velocities (exceeding _____ miles)																								

Excessive precipitation, accumulated amounts	Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

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Actual sunshine, hours, _____

Possible sunshine, hours, _____

Percentage of possible sunshine, _____

Prevailing direction, _____

Total movement, _____

Average hourly velocity, _____

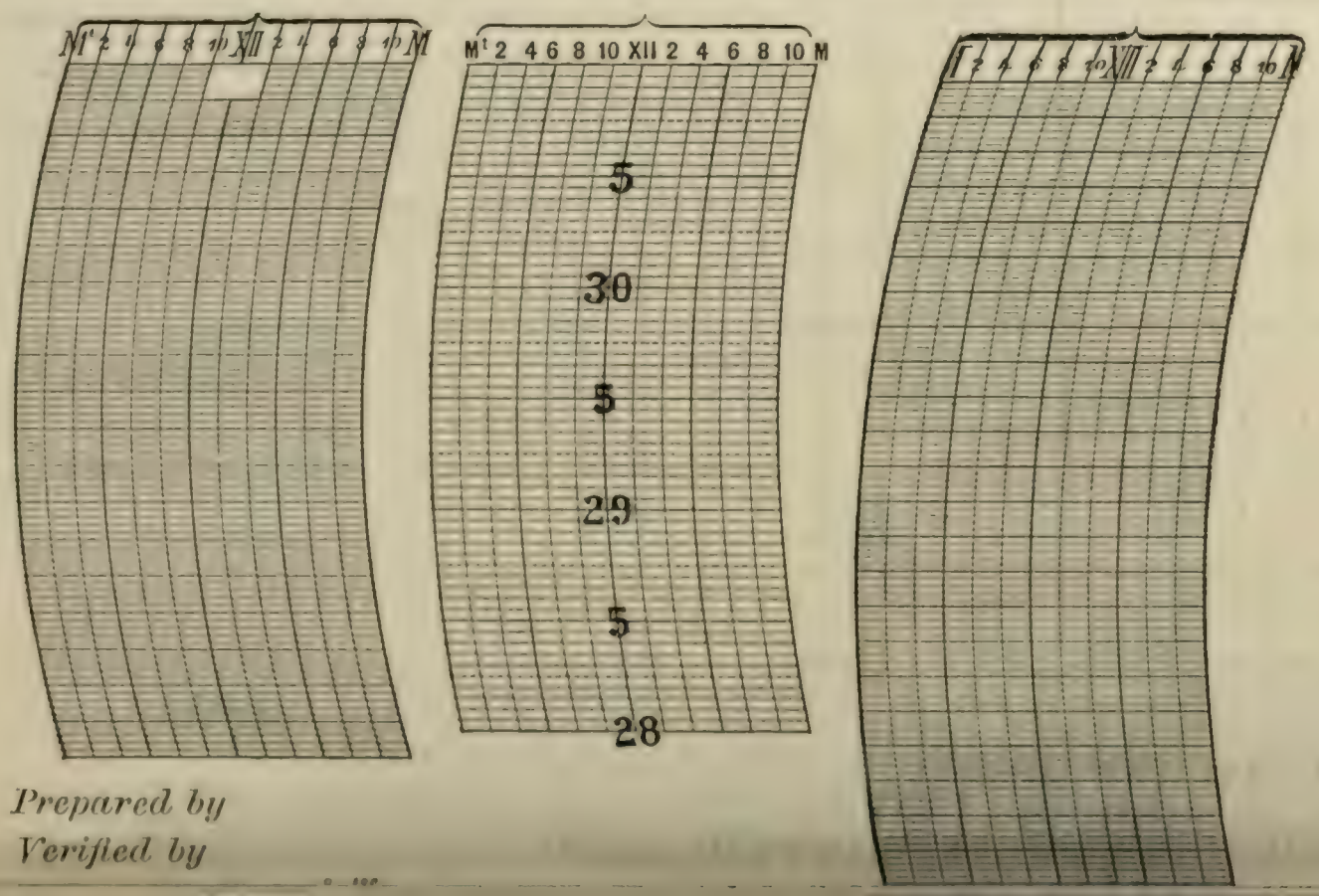
Maximum velocity,	Direction.	Time.

Relative humidity, _____ a. m. _____ p. m.

Reduced barometer, _____ a. m. _____ p. m.

River gage, _____

NOTES.



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	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
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Wind movement																								
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Maximum velocity, _____ Direction, _____ Time. _____

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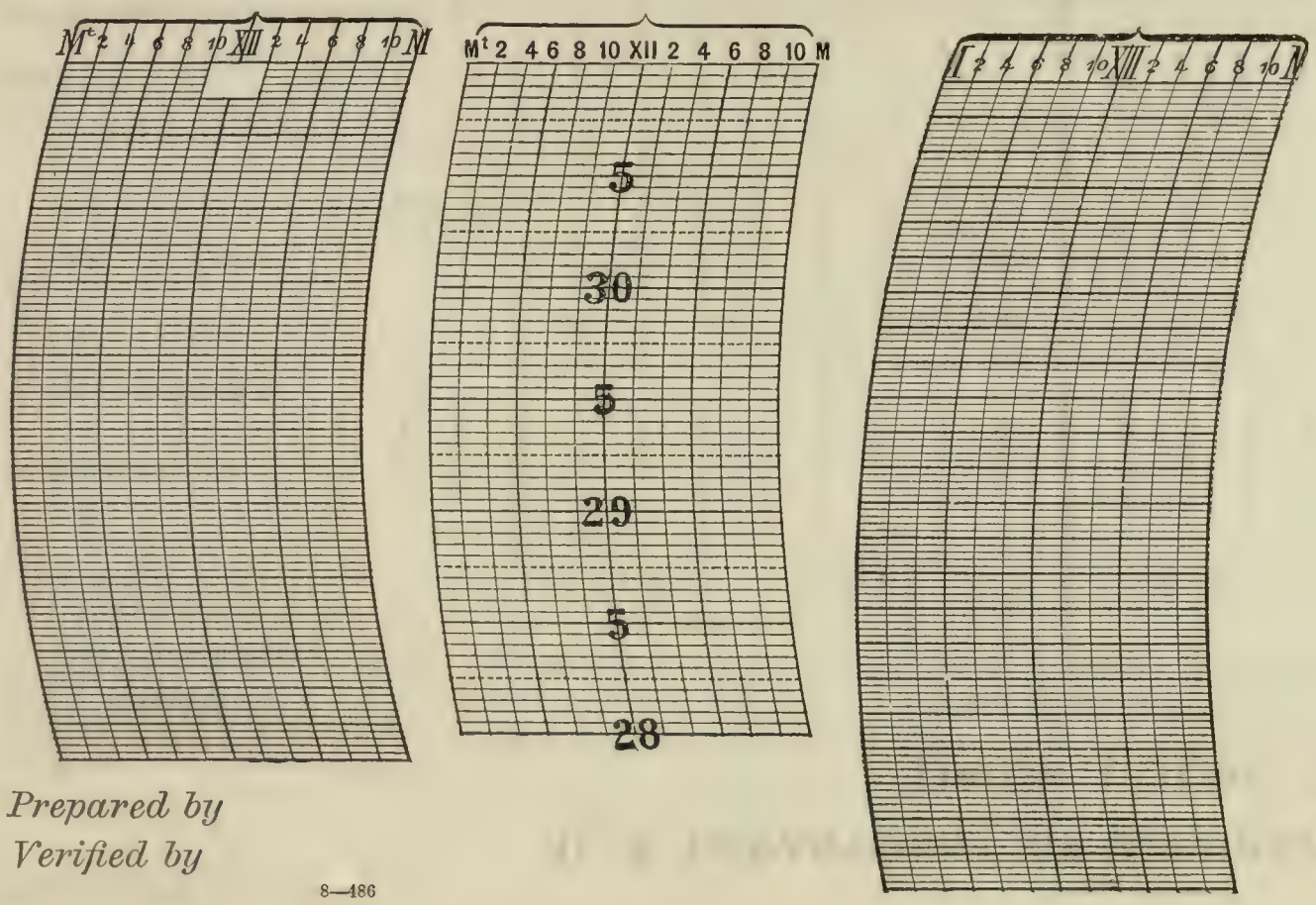
River gage, _____



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Prepared by

Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) _____, *(Day of week)* _____, *(Date)* _____, *191*

Time (local standard), _____ mer.	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour																								
State of weather: Nature of precipitation and time of beginning and ending																								
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Sunshine (in tenths of hours)																								
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Maximum velocity,	Direction,	Time.

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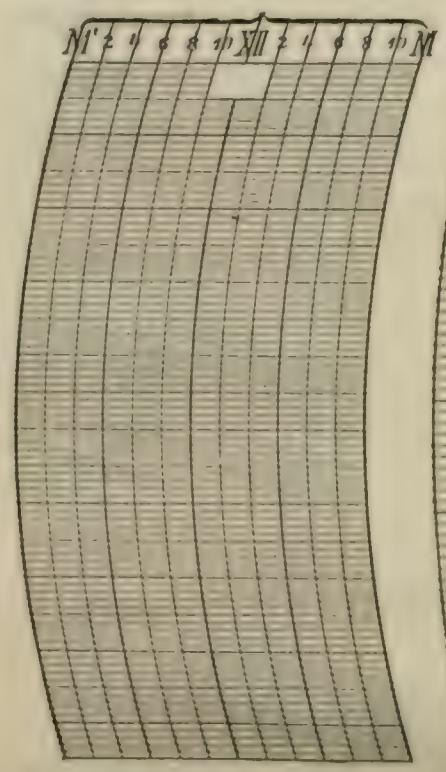
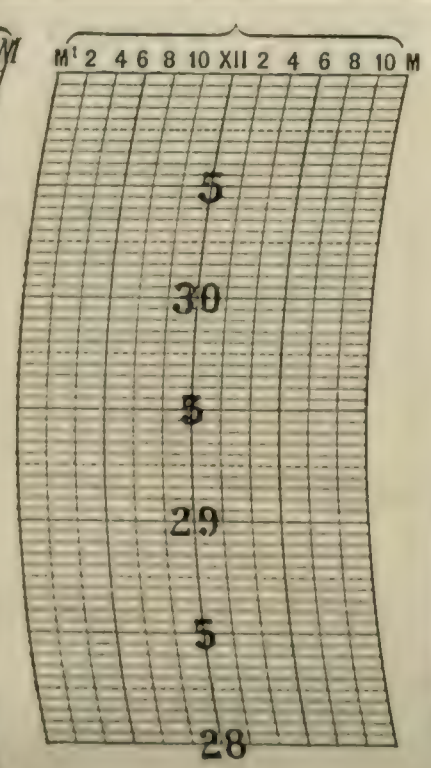
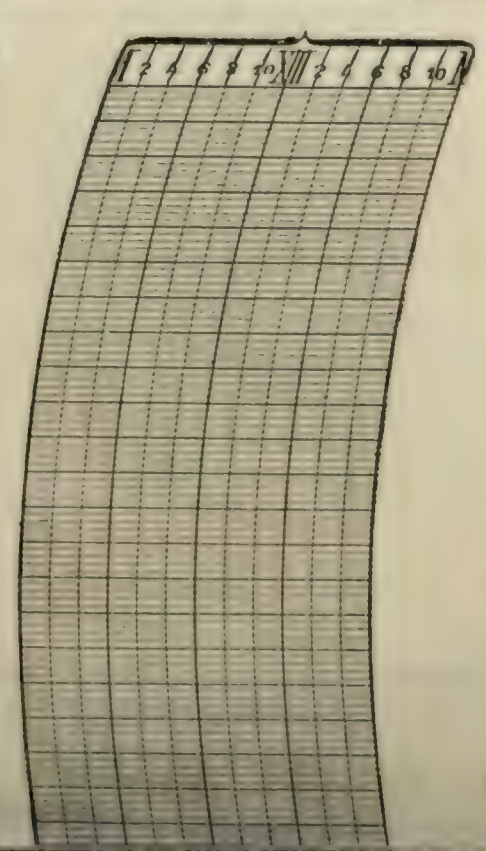
Reduced barometer, _____ a. m., _____ p. m.

River gage, _____







NOTES.

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INDEX, DAILY LOCAL RECORD, 1911

SUBJECTS.	JANUARY.	FEBRUARY.	MARCH.	APRIL.	MAY.	JUNE.	JULY.	AUGUST.	SEPTEMBER.	OCTOBER.	NOVEMBER.	DECEMBER.
Auroras												
Clouds, special formation												
Cold waves	2, 9		15								11"-18"-29"	2, 7
Dew, heavy deposits of										5		
Droughts												
Earthquakes												
Fires, forest												
Fog, light	11.12.13 26.27	8,13.	14	12,30	6-9		29-30	25-26-31	1.8.9.10.11 15.16.22.23	12-13-15		9.13.15. 19.21
Dense	18,	16,17	14					25	11.16.22	12-13-15		9 15 18
Floods, other than in rivers					25"			12"				
Frosts, light			16,22,25		5					8-21		
Heavy	18		17,23		4							
Killing			24		2-3					24		
First killing after July 15										24		
Last killing before July 15					3							
Last heavy before July 15					4							
First heavy after July 15										24		
Hail. *See* Precipitation									11	14		
Ice												
Lightning, damage by					28						11"	
Deaths by									11			
Meteors												
Navigation, opening												
Closing												
Impeded												
Observations, not taken												
Taken late												
Special	5,10,	1"				2"	23"-28	9	14.28	3"	11"-12"-13"-14"	
Optical phenomena, haze												
Coronæ												25
Halo, lunar	7			1								25
Solar				26								
Parhelia												
Parselenæ												
Rainbows			29"			11						
Sunrise, peculiar												
Sunset, peculiar												
Zodiacal light												
* Precipitation, ~~rain~~, light .01 to .49 in.	2.4.5.8,26 11,12 14.16,17,20	13,14,16,17,18 19,25.26.	7.11,22.26, 27,	3,11,12,13,19 20,27,28,29,30	1-8-14-19-20-22-28	6.8.10.11.12.15 17.23.25.26 29.	6.7.10.13.15 19.24.25.	3.5.7.9.10 21.23.24.	4.5.7.8.12.13 14.15.17.18.20 21.24.25.27.30	1.2.3.5.6.7.13 14.16.19.20.21 22.26.	1.5.6.9.10.12 14.15.16.17.22 23.24.27.28	1.3.7.8.9.10.15 16.17.18.19.20 22.26.21
Heavy .50 in or more	13"	5	12,	4,	28"	24	9.23.31	2	6.10.11.28	20.	1	

8—486 * From May to end of year "light" means from T to .49 inch.

ENTER DATES, NOT PAGES.

INDEX, DAILY LOCAL RECORD, 191

SUBJECTS.	JANUARY.	FEBRUARY.	MARCH.	APRIL.	MAY.	JUNE.	JULY.	AUGUST.	SEPTEMBER.	OCTOBER.	NOVEMBER.	DECEMBER.
Precipitation, rain—Continued.												
Excessive	0				28"	24"	7	11"-12"	6·10·11·28	3		
Showers, light												
Heavy	12											
Sleet	24"		12"	3							11"	
Snow, light				8						26	1·11·12·14·15·17·19·23·24·28	1·10·3·15·17·18·19·22·26·27·30·31·
Heavy	17	5		2								16
Hail												
Wet periods	11 to 17	3-14"		2 to 13, 27 to 30				9 to 12	11 4 to 7 inc; 10 to 21 inc; 24 to 27 inc	14		
Records in court												
Rivers, rapid rise	10-16 24-30	15 to 25"	0	0					19 19 & 20	3 to 11 inc	13" to 30" inc	1 to 5 inc 11 to 31 inc
Flood stages												
Low-water stages, unusual												
High water, periods of	1-14 17-18	10 to 12"							21 to 30 inc	1 to 31 inc	1 to 12" inc	6 to 10 inc
Frozen												
Floating débris												
Gorges												
Running ice												
Warnings. *See* Warnings												
Smoke, light										11		
Dense												
Temperature, unusually high	26	17	21	26, 29	16 to 19 inc 25 to 27 inc	4, 5, 9, 10, 21, 22, 23, 30.	2 to 5 inc.			3	11" 11-12-13-29-30.	10
Unusually low	3, 4	10	16	1			26	29-30				
Sudden rise					14				14.			
Sudden fall	5" 10 to 14,	11 to 18"	14 2-14	26 to 30	1-2-3 8 to 10 inc 14 to 20 inc 25 to 27 inc	10-11-20-23. 3 to 5 inc. 9 to 10; 22 & 23	7" 2 to 5 inc	5·7·9·	11. 1 to 2 inc 14 to 17 inc	3.	11·17·20.	7 to 10 inc 1 to 24 inc
Periods of high	9 to 19 2 to 6; 15 to 18		27-31"	1 to 8	1 to 4 inc		24 to 26 inc				1 to 3-12 to 16 18 to 19-28 to 30	
Periods of low												
Thunderstorms			12	4, 12, 13, 19, 29	19-20-22-28	2·6·10·11·17·20·23·24·25·28	6·7·9·15·19·24·28·31	1·5·7·9·10·11·12·14·1	6·7·10·11·12·14·15·17·18·24·25·27	3·14·16	11-17	
Tornadoes												
Warnings, advisory	1, 2, 8, 1 13, 21,	25	27"								11·17·23·28.	26·3
Cold wave												
Inland storm												
Emergency												
Frost					1-2-3-4					7·8·21·23 27·31		
Hurricane												
Rapid rise in river												
Flood												
Winds, 25 to 39 miles per hour	2, 4, 8, 29	1, 2, 5, 9, 14, 25.	1, 2, 12, 17, 27 19, 21, 22, 24, 30	2, 12	10-19-23	10	7·15·24·25·28	7·7	7·11·14·	3·4·6·16	6·7·11·12·13 17·18·20.	20·26·27
40 miles per hour, or over	0	0	15									
Hurricanes	0	0	0									

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3 0112 112905663